NAT'L INST. OF STAND & TECH
A11106 964846

NIST
PUBLICATIONS

REFERENCE

NISTIR 7372

THE NATIONAL MARINE MAMMAL TISSUE BANK SPECIMEN INVENTORY

Rebecca S. Pugh
Michael B. Ellisor
Amanda J. Moors
Paul R. Becker

National Institute of Standards and Technology
Chemical Science and Technology Laboratory
Hollings Marine Laboratory
Charleston, SC 29412

Barbara J. Porter
Elizabeth A. Mackey
Michele M. Schantz
Rabia Demiralp
Stephen A. Wise

National Institute of Standards and Technology
Chemical Science and Technology Laboratory
Gaithersburg, MD 20899

August 2006

QC
100
.U56
#7372
2006

U.S. DEPARTMENT OF COMMERCE
Carlos M. Gutierrez, Secretary

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
William A. Jeffrey, Director

PREFACE

The National Institute of Standards and Technology (NIST) provides for the cryogenic banking of marine mammal tissues in the National Marine Mammal Tissue Bank (NMMTB). The purpose of the NMMTB is to maintain quality controlled marine mammal tissues to permit retrospective analyses for determining environmental trands and for conducting analyses using new and innovative techniques. The NMMTB was formally established in 1992 by the Marine Mammal Health and Stranding Response Act (Public Law 102-587), which gives lead responsibility to the National Oceanic and Atmospheric Administration (NOAA) and designates the Department of the Interior (DOI) as a cooperator in establishing and managing the specimen bank. Through an agreement between NOAA and NIST, the NMMTB is maintained at NIST's National Biomonitoring Specimen Bank (NBSB) in Gaithersburg, Maryland, and at the Marine Environmental Specimen Bank (Marine ESB), Hollings Marine Laboratory, in Charleston, South Carolina.

Collecting and banking marine mammal tissues in the NMMTB at NIST's NBSB and Marine ESB is conducted as a collaboration among NIST, NOAA's National Marine Fisheries Service (NMFS), and the U.S. Geological Service Biological Resources Division (USGS/BRD) through two programs: the Alaska Marine Mammal Tissue Archival Project (AMMTAP) and the Marine Mammal Health and Stranding Response Program (MMHSRP). Detailed descriptions of these two programs have been published (Becker *et al.*, 1988; 1993; 1994). Tissues are collected from freshly-dead stranded animals, incidental takes of animals in fishing activities, and animals taken by Native Americans for subsistence. Tissue samples are primarily obtained from stranding network personnel through government agencies, universities and private organizations that carry a permit to collect marine mammal tisues and have been trained by NIST personnel to collect and process tissues for the NMMTB. Animals and tissues selected for collection and archival must meet specific criteria before they can be collected.

The goal of the NMMTB is to establish and maintain a resource of quality controlled marine mammal tissues for the following purposes:

1. Provide samples for future retrospective analyses as new analytes of interest emerge;
2. Provide samples for future analyses using improved analytical techniques; and
3. Provide a resource of samples that have been collected and stored in a systematic and well-documented manner for comparing results over time to identify whether environmental trends exist.

A Specimen Access Policy was developed in order to maintain control over the release of NMMTB banked specimens. A NMMTB Tissue Request Form and research proposal must be submitted to the MMHSRP Program Manager, Office of Protected Resources, NMFS along with additional criteria. A copy of this access policy as well as the tissue request form can be found at http://www.nmfs.noaa.gov/pr/health/tissue/. This volume represents the current inventory of all banked specimens and provides a record of data collected on each animal through December 31, 2005.

CONTENTS

PREFACE ii

DISCLAIMER vi

ACKNOWLEDGEMENTS vii

Marine Mammal Health and Stranding Response Program

PILOT WHALE (*Globicephala melaena*) 1
SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*) 20
PYGMY SPERM WHALE *(Kogia breviceps)* 24
DWARF SPERM WHALE *(Kogia simus)* 41
GERVAIS' BEAKED WHALE *(Mesoplodon europaeus)* 45
CUVIER'S BEAKED WHALE (*Ziphius cavirostris*) 46
HARBOR PORPOISE *(Phocoena phocoena)* 47
WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)* 65
ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)* 106
STRIPED DOLPHIN *(Stenella coeruleoalba)* 138
DOLPHIN *(Stenella spp.)* 143
RISSO'S DOLPHIN *(Grampus griseus)* 144
ATLANTIC SPOTTED DOLPHIN (*Stenella frontalis*) 148
EASTERN SPINNER DOLPHIN (*Stenella longirostris orientalis*) 149
PANTROPICAL SPOTTED DOLPHIN (*Stenella attenuata*) 150
CLYMENE DOLPHIN (*Stenella clymene*) 151
BOTTLENOSE DOLPHIN *(Tursiops truncatus)* 152
CALIFORNIA SEA LION *(Zalophus californianus)* 182
COMMON DOLPHIN *(Delphinus delphis)* 201
HOODED SEAL *(Cystophora cristata)* 213
HARBOR SEAL *(Phoca vitulina)* 226
RINGED SEAL *(Phoca hispida*) 235
HARP SEAL *(Phoca groenlandica*) 236
GREY SEAL *(Halichoerus grypus*) 244
FIN WHALE *(Balaenoptera physalus*) 246
BLAINVILLE'S BEAKED WHALE *(Mesoplodon densirostris*) 247
MINKE WHALE *(Balaenoptera acutorostrata*) 248
NORTH ATLANTIC RIGHT WHALE *(Eubalaena glacialis*) 249
BELUGA WHALE *(Delphinapterus leuca*) 250
LEATHERBACK TURTLE *(Dermochelys coriacea*) 251

Alaska Marine Mammal Tisue Archival Project

RINGED SEAL (*Phoca hispida*) 252
HARBOR SEAL (*Phoca vitulina*) 312
SPOTTED SEAL (*Phoca largha*) 321
BEARDED SEAL (*Erignathus barbatus*) 333
STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*) 360
NORTHERN FUR SEAL (*Callorhinus ursinus*) 368
ELEPHANT SEAL (*Mirounga angustirostris*) 387
PACIFIC WALRUS (*Odobenus rosmarus divergens*) 388
BELUGA WHALE (*Delphinapterus leucas*) 407
BOWHEAD WHALE (*Balaena mysticetus*) 446
POLAR BEAR (*Ursus maritimus*) 487

SEA OTTER (*Enhydra lutris*) 520
HARBOR PORPOISE (*Phocoena phocoena*) 533
GRAY WHALE (*Eschrichtius robustus*) 535
RIBBON SEAL *(Phoca fasciata)* 536
STEJNEGER'S BEAKED WHALE (*Mesoplodon stejnegeri*) 544

LIST OF TABLES

Table 1. The NMMTB Sample Inventory Format viii
Table 2. Acronyms used in the NMMTB Sample Inventory viii

DISCLAIMER

Certain commercial equipment or instruments are identified in this paper to adequately specify the experimental procedures. Such identification does not imply a recommendation or endorsement by the National Institute of Standards and Technology nor does it imply that the equipment or instruments are the best available for the purpose.

ACKNOWLEDGEMENTS

The authors would like to acknowledge the many organizations listed below for their collaboration with and/or support of the National Marine Mammal Tissue Bank

Alaska Beluga Whale Committee
Alaska Department of Fish and Game
Alaska Department of Health and Social Services
Alaska Eskimo Whaling Commission
Alaska Nanuq Commission
Alaska Native Science Commission
Alaska Sea Life Center
Aleut Community of St. Paul Island
AIS, Inc.
Cape Cod Stranding Network
City of Point Hope
Eskimo Walrus Commission
Hubbs-Sea World Research Institute
Kawerak, Inc., Natural Resources Division
Kotzebue, IRA (Indian Reorganization Act)
Minerals Management Service (MMS), Alaska
Mote Marine Laboratory
National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS), Office of Protected Resources (OPR)
Native Village of Point Lay
NOAA, NMFS, National Marine Mammal Laboratory
NOAA, NMFS, Western Alaska Field Office
NOAA, National Ocean Service (NOS), Center for Coastal Environmental Health and Biomolecular Research (CCEHBR)
North Slope Borough Department of Wildlife Management
North Slope Borough Fish and Game Management Committee
New Chenega Bay Village Council
New England Aquarium
Nunwalik Village Council
U.S. Geological Survey, Biological Resources Division (USGS/BRD), Alaska Science Center
U.S. Fish and Wildlife Service (USFWS), Marine Mammals Management, Alaska Science Center
Colorado State University; Dr. Terry Spraker, DVM
Tatitlek Village Council
TDX Corporation, St. Paul Island
The Alaska Sea Otter and Steller Sea Lion Commission
The Marine Mammal Center
University of Alaska-Fairbanks
University of North Carolina at Wilmington
Woods Hole Oceanographic Institute

A detailed inventory of tissue specimens collected for the NMMTB is presented on the following pages. The NMMTB inventory includes the following information: species, meristic information on the animals sampled, sampling location, additional samples taken by other researchers, and the location of these additional samples, as well as other miscellaneous information regarding the individual samples or animal sampled. Those specimens for which one subsample has been homogenized and divided into aliquots for analysis are also identified. The format used to present these data is shown in Table 1. A list of acronyms used in the inventory is presented in Table 2.

Table 1. The NMMTB Sample Inventory Format

Animal ID No.	Field ID No.	Sampling Date	Acquired From	Location	Latitude/Longitude

Sex Age	Total Length (in cm)	Total Weight (in kg)	Fluke Width (in cm)	Axillary Girth (in cm)	Blubber Thickness (in cm)

NBSB Samples (tissue type)	NBSB ID (number)	Subsample A wt. (in grams)	Subsample B wt. (in grams)	Histology (yes or no)	Sample Homogenized (date homogenized)

Additional samples collected for other researchers:
Organization and ID number, if appropriate
Present location of samples: list of samples

Table 2. Acronyms used in the NMMTB Sample Inventory

Acroynym	Affiliation	Acroynym	Affiliation
ADF&G	Alaska Department of Fish and Game	NMFS/OPR	National Marine Fisheries Service/Office of Protected Resources
AEAC	Alaska Environmental Assessment Center	NOAA	National Oceanic and Atmospheric Administration
AFIP	Armed Forces Institute of Pathology	NOS	National Ocean Service
ASC	Alaska Science Center	NSB DWM	North Slope Borough Department of Wildlife Management
ASLC	Alaska Sea Life Center	NVSL	National Veterinary Services Laboratory
CCEHBR	Center for Coastal and Environmental Health & Biomolecular Research	NWFSC	Northwest Fisheries Science Center
CCSN	Cape Cod Stranding Network	OAD	Oklahoma Animal Disease
CIFAR	Cooperative Institute for Arctic Research	PACF	Patuxent Analytical Control Facility
COA	College of the Atlantic	SWFSC	Southwest Fisheries Science Center
CWS	Canadian Wildlife Service	SWO	Sea World-Orlando
ECD	Environmental Conservation Division	TAMU	Texas A&M University
HBOI	Harbor Branch Oceanographic Institute	TMMC	The Marine Mammal Center
HSWRI	Hubbs-Sea World Research Institute	UA	University of Alaska
MESB	Marine Environmental Specimen Bank	UAF	University of Alaska -Fairbanks
Mote	Mote Marine Laboratory	UAM	University of Alaska-Museum
MMM	Marine Mammal Management	UC-Davis	University of California-Davis
MSCL	Mississippi State Chemical Lab	UI	University of Illinois
MTRP	Marking and Tagging Reporting Program	UNCW	University of North Carolina-Wilmington
NBS (DOI)	National Biological Service, US Dept. of Interior	URI	University of Rhode Island
NBSB	National Biomonitoring Specimen Bank	UT	University of Tennessee
NCRC	National Cancer Research Center	USDA	U.S. Department of Agriculture
NCSU-Vet	North Carolina State University-Veterinary School of Medicine	USFWS	U.S. Fish and Wildlife Service
NEA	New England Aquarium	VAQS	Virginia Aquarium Stranding Response Program
NIST	National Institute of Standards and Technology	WADDL	Washington Animal Diease Diagnostic Laboratory
NMML	National Marine Mammal Laboratory	WHOI	Woods Hole Oceanographic Institute
NMFS	National Marine Fisheries Service	WTL	Wildlife Toxicology Lab

PILOT WHALE (*Globicephala melaena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-001	MH90-597Gm	12 Dec 90	Stranding		Hyannis, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		428		50.2x2	105.4x2	5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L003	106	158			30 May 91
Blubber	NM1B004	106	110			30 Jun 97
ADDITIONAL SAMPLES COLLECTED:						
Blubber, muscle, ovaries (R & L), liver, kidney, heart, lung for pesticides Heart for DNA aging						

PILOT WHALE (*Globicephala melaena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-002	MH90-599GM	12 Dec 90	Stranding		Hyannis, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		413		47x2	100x2	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L005	142	179		Yes	8 May 92
Blubber	NM1B006	106	110			25 Mar 92
ADDITIONAL SAMPLES COLLECTED:						
Blubber, muscle, liver, kidney, heart, lung, spleen for pesticides Blubber, muscle, liver, kidney, heart, lung, spleen for histology						

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-003	MH90-600Gm	12 Dec 90	Stranding		Hyannis, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		439		52.4x2	109x2	4.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L007	158	157			13 May 92
Blubber	NM1B008	93	114			1 Apr 92

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, ovary (L), liver, kidney, heart for pesticides
Heart for DNA aging
Serum Profile at NEA

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-004	MH90-617Gm	12 Dec 90	Stranding		Hyannis, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		375		44x2	96x2	3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L009	144	133			6 Jun 91
Blubber	NM1B010	112	122			8 Aug 91

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, ovary (R & L), liver, kidney, heart, lung for pesticides
Heart for DNA aging

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-005	MH90-624Gm	12 Dec 90	Stranding		Hyannis, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		387		46.8x2	100.4x2	5.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L011	169	158		Yes	21 May 92
Blubber	NM1B012	119	125			2 Apr 92

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, liver, kidney, heart, lung for pesticides
Blubber, muscle, stomach, ovary (L), liver, kidney, heart, lung for histology

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-006	MH91-602Gm	10 Sept 91	Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		274		29x2	69x2	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L021	171.9	173.8			4 May 92
Blubber	NM1B022	141	143.2			19 Mar 92

ADDITIONAL SAMPLES COLLECTED:

Eye removal for URI, Dr Winn

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-007	MH91-603Gm	10 Sept 91	Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		420		47x2	104x2	4.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L023	164	160.5			30 Apr 92
Blubber	NM1B024	123.7	136.2			
ADDITIONAL SAMPLES COLLECTED:						
Eye removal for URI, Dr. Winn Animal used at NIST for SRM 1945						

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-008	MH91-604Gm	10 Sept 91	Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		300		35x2	90x2	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L025	174.1	170.9			5 May 92
Blubber	NM1B026	140.3	135.2			23 May 92
ADDITIONAL SAMPLES COLLECTED:						
Eye removal for URI, Dr Winn Animal used at NIST for SRM 1945						

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-009	MH91-605Gm	10 Sept 91	Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		314		33x2	81x2	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L027	163.2	174.4			30 Dec 93
Blubber	NM1B028	108.2	133.8			

ADDITIONAL SAMPLES COLLECTED:

Eye removal for URI, Dr Winn
Animal used at NIST for SRM 1945

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-011	NMFS #1609	9 Jul 96	Drift net set		George's Bank Canyon, Atlantic Ocean	39°53'/69°28'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		324	189.2	71	88x2	44.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L064	112.8	124.2		Yes	30 Sept 96
Kidney	NM6K065	102.2	100.2		Yes	4 Oct 96
Blubber	NM6B066	83.6	83.3			8 Oct 96

ADDITIONAL SAMPLES COLLECTED:

Skull to Smithsonian
Tissue taken for Contaminant studies for several agencies
Tissue taken for Histology studies for several agencies
Parasites taken for T Rowles
Muscle taken for T Williams

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-012	NMFS # 2090	9 Jul 96	Drift net set		George's Bank Canyon, Atlantic Ocean	39°53'/69°28'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		376			98x2	43.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L067	109.9	134.3		Yes	10 Oct 96
Kidney	NM6K068	145.2	136.3		Yes	11 Oct 96
Blubber	NM6B069	80.3	77.04			16 Oct 96

ADDITIONAL SAMPLES COLLECTED:

Skull to Smithsonian
Tissue taken for Contaminants studies for several agencies
Tissue taken for Histology studies for several agencies
Parasites taken for T Rowles
Urine, biopsy from multiple locations for Moore
Muscle for T Williams

PILOT WHALE *(Globicephala melaena)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-013	MH98-705Gm	12 Sep 98	Stranded		Andrews Beach Long Island, ME	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	immature	390	680.25	91.5	195.6	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L375	173.63	178.6		Yes	
Kidney	NM10K376	152.07	168.48		Yes	
Blubber	NM10B377	112.65	125.54		Yes	

ADDITIONAL SAMPLES COLLECTED:

All samples taken for histology at NEA/Tufts/University of Illinois Pathology

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-014	MH-00-620-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		546		64 X 2	155 X 2	4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L156C	84.36			Yes	
Blubber	NM11B157C	113.77	112.47		Yes	

ADDITIONAL SAMPLES COLLECTED:

Tongue, penis, blubber, muscle, esophagus, small intestine, large intestine, liver, stomach, pancreas, kidney (L), testes (L), heart, bronchi, lungs, diaphragm, lymph node (cervical, hilar, marginal, pancreatic, pelvic), spleen, epididymis, accessory spleen, adrenal glands for histology to NEA
Teeth taken to NEA
Tag #285

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-015	MH-00-621-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		435		96	224	2.33
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L158C	185.14	140.3		Yes	
Kidney	NM11K159C	121.8	137.83		Yes	
Blubber	NM11B160C	106.95	95.5		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lesions, skin, blubber, muscle, esophagus, small intestine, large intestine, liver, stomach, pancreas, kidneys, urinary bladder, testes, heart for histology to NEA
Teeth for aging to NEA
Tag #281

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-016	MH-00-622-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		586		138	290	3.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L161C	76.97	73.75		Yes	
Kidney	NM11K162C	73.84	82.22		Yes	
Blubber	NM11B163C	110.53	195.54		Yes	

ADDITIONAL SAMPLES COLLECTED:

Tongue, penis, blubber, esophagus, liver, bile duct, stomach, pancreas, kidneys, urinary bladder, urethra with penis, testes, heart, lungs, diaphragm, lymph nodes (hilar, marginal, mesenteric), spleen, adrenal glands, spinal cord, gastric omentum for histology to NEA
Tag #284

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-017	MH-00-623-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		456		105	248	3.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L164C	92.69	94.21		Yes	
Kidney	NM11K165C	126.98	132.86		Yes	
Blubber	NM11B166C	126.03	111.19			
Muscle	NM11M167C	115.04	136.39		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lesions, skin, muscle, esophagus, small intestine, large intestine, liver, stomach, pancreas, kidneys, urinary bladder, testes, heart, trachea, lungs, spleen, adrenal glands for histology to NEA
Teeth taken to NEA
Lungs, liver, marginal lymph node taken for virology/toxicology/genetic to NEA
Tag #280

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-018	MH-00-624-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Calf			66	87 x 2	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L168C	126.97			Yes	
Kidney	NM11K169C	91.95			Yes	
Blubber	NM11B170C	97.81	83.96		Yes	

ADDITIONAL SAMPLES COLLECTED:

Penis, blubber, muscle, bone marrow, esophagus, small intestine, large intestine, colon, liver, bile duct, stomach, pancreas, epididymis, kidneys, testes (L), heart, trachea, bronchi, lungs, diaphragm, lymph nodes (hilar, marginal, diaphragm, mesenteric, pelvic), spleen, thymus, thyroid, adrenal gland (R) for histology to NEA
Teeth for aging to NEA
Tag #277

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-019	MH-00-625-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		451		95	240	6.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L171C	85.95			Yes	
Kidney	NM11K172C	73.51			Yes	
Blubber	NM11B173C	90.96	71.37		Yes	

ADDITIONAL SAMPLES COLLECTED:

Penis, blubber, muscle, esophagus, small intestine, large intestine, colon, liver, stomach, pancreas, epididymis, kidneys, testes, heart, lungs, diaphragm, lymph node (cervical, hilar, marginal, diaphragm, mesenteric), spleen, thyroid, adrenal glands for histology to NEA
Teeth for aging to NEA
Tag #283

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-020	MH-00-626-GM	5 July 00	Mass Stranding		Nantucket Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M				93	232	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L174C	107.36	135.10		Yes	
Kidney	NM11K175C	139.75	123.19		Yes	
Blubber	NM11B176C	109.09	117.24		Yes	
Muscle	NM11M177C	86.80	108.13			

ADDITIONAL SAMPLES COLLECTED:

Skin, tongue, blubber, muscle, small intestine, large intestine, colon, liver, stomach, stomach contents, pancreas, kidneys, urinary bladder, testes, heart, lungs, lymph node (mesenteric), spleen, thyroid, adrenal glands, spinal cord for histology to NEA
Teeth for aging to NEA
Tag #278

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-021	CCSN-02-004-Gm	7 Jan 02	Stranding		Kingston, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	270			154	33
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L360C	178.0	184.0		Yes	
Kidney	NM13K361C	166.0	178.0		Yes	
Blubber	NM13B362C	160.0	160.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NEA-02-404-Gm
Liver, kidney, blubber, lung, muscle, stomach, heart, intestine, skin, lymph node for histology to NEA, WHOI, AFIP
Stomach to Jim Craddock (WHOI)
Bones to Tom French (State of MA)

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-022	COA010202	02 Jan 02	Stranding		Belfast, ME	44°26.477'/69°00.944'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 9 mo. - 1 yr	233.68			104.14	2.54
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L399C	Collected			Yes	
Kidney	NM13K400C	Collected			Yes	
Blubber	NM13B401C	Collected			Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, histology to AFIP
Skeleton to College of the Atlantic (COA)

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-023	CCSN-02-178	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		403.0		94.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L444C	174.0	151..0			
Kidney	NM13K445C	136.0	142.0			
Blubber	NM13B446C	156.0	136.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Orange 3

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-024	CCSN-02-178Fetus	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		172.0		41.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L447C	137.0	132.0		Yes	
Kidney	NM13K448C	147.0	157.0		Yes	
Blubber	NM13B449C	110.0	119.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, spleen, bladder for histology to AFIP

Head to Eric Montie (WHOI)
Skin to Regina Campbell Malone (WHOI)

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-025	CCSN-02-179	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		630.0		144.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L450C	142.0	151.0		Yes	
Kidney	NM13K451C	143.0	142.0		Yes	
Blubber	NM13B452C	122.0	126.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, spleen, bladder for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Stomach contents collected
Pelvic bones to David Taylor

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-026	CCSN-02-180	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	295.0		62.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L453C	153.0	147.0		Yes	
Kidney	NM13K454C	158.0	152.0		Yes	
Blubber	NM13B455C	114.0	114.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #4
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, spleen, bladder for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Pelvic bones to David Taylor

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-027	CCSN-02-181	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		274.0		55.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L456C	153.0	147.0		Yes	
Kidney	NM13K457C	153.0	152.0		Yes	
Blubber	NM13B458C	114.0	114.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #5
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, spleen, bladder for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Pelvic bones to David Taylor
Head for ear scan to Darlene Ketten

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-028	CCSN-02-182	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	405.0		81.0	76.2	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L459C	139.0	150.0		Yes	
Kidney	NM13K460C	117.0	130.0		Yes	
Blubber	NM13B461C	117.0	120.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #3
Liver, kidney, blubber, lung, muscle, heart, skin, reproductive tract for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Pelvic bones to David Taylor
Head for ear scan to Darlene Ketten
Stomach contents collected

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-029	CCSN-02-182Fetus	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Fetus	165.0			94.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L462C	139.0	173.0		Yes	
Kidney	NM13K463C	168.0	161.0		Yes	
Blubber	NM13B464C	106.0	118.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP
Skin to Regina Campbell Malone (WHOI)
Head to Eric Montie (WHOI)

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-030	CCSN-02-184	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		530.0		120.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L465C	147.0	149.0		Yes	
Kidney	NM13K466C	151.0	185.0		Yes	
Blubber	NM13B467C	114.0	122.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #1
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Stomach contents collected
Pelvic bones to David Taylor

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-031	CCSN-02-185	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		575.0		136.0	272.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L468C	158.0	162.0		Yes	
Kidney	NM13K469C	169.0	166.0		Yes	
Blubber	NM13B470C	136.0	149.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #7
Liver, blubber, lung, muscle, heart, skin, reproductive tract, bladder, spleen for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Stomach contents collected
Pelvic bones to David Taylor
Whole skeleton to Tom French

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-032	CCSN-02-186	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		407.0		92.0	196.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L471C	160.0	159.0		Yes	
Kidney	NM13K472C	156.0	142.0		Yes	
Blubber	NM13B473C	141.0	130.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #2
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Pelvic bones to David Taylor

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-033	CCSN-02-187	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	446.0		94.0	218.4	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L474C	141.0	141.0		Yes	
Kidney	NM13K475C	146.0	153.0		Yes	
Blubber	NM13B476C	127.0	82.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Yellow #6
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Stomach contents collected
Lung, liver, kidney to euthanasia study
Pelvic bones to David Taylor

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-034	CCSN-02-187Fetus	29 Jul 02	Mass Stranding		Dennis Chapin Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Fetus	70.0		44.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L477C	151.0	136.0		Yes	
Kidney	NM13K478C	188.0	132.0		Yes	
Blubber	NM13B479C	96.0	133.0		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP Skin to Regina Campbell Malone (WHOI) Head to Erice Montie (WHOI)						

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-035	CCSN-02-188	29 Jul 02	Mass Stranding		Sandwich, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		450.0		110.0	220.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L480C	171.0	171.0		Yes	
Kidney	NM13K481C	149.0	156.0		Yes	
Blubber	NM13B482C	118.0	119.0		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP Tooth and skin to Regina Campbell Malone (WHOI) Head to Eric Montie (WHOI) Lung, liver, kidney for euthanasia study Pelvic bones to David Taylor						

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-036	CCSN-02-235	29 Jul 02	Mass Stranding		Grays Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		583.0		127.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L483C	160.0	139.0		Yes	
Kidney	NM13K484C	160.0	152.0		Yes	
Blubber	NM13B485C	121.0	124.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

White 597
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, skin, reproductive tract, bladder, spleen for histology to AFIP
Tooth and skin to Regina Campbell Malone (WHOI)
Lung, liver, kidney for euthanasia study
Pelvic bones to David Taylor

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-037	VMSM 2003 1052	21 Jun 03	Euthanized		Wreck Island, VA	37.2519/75.7994
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	juvenile	201	103	49.5	107.5	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L529C	138	136		Yes	
Kidney	NM14K530C	97	87		Yes	
Blubber	NM14B531C	113	115		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lung, adrenals, heart, intestine, pancreas, mammary, thyroid, rib, thymus, ymph nodes (prescap, subscap, lung, pancreatic)

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-038	01-401Gm	1 Jan 01	Euthanized		Nantucket, MA	41.250278°/70.150833°
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	312.22	362.9	75	178.0	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L682C	155.59	145.56		Yes	
Kidney	NM15K683C	148.87	151.14		Yes	
Blubber	NM15B684C	111.86	129.82		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lung, kidney, blubber, lung, adrenals, heart, intestine, pancreas, skin for histology

PILOT WHALE (*Globicephala melas*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gm-039	DO 5140	17 Dec 04	Incidental Take		Geroges Bank, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/calf	190.0	86.6	40.0	106.0	2.25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L721C	177.0	176.0		Yes	
Kidney	NM16K722C	166.0	168.0		Yes	
Blubber	NM16B723C	150.0	150.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Accession Number D41030
Lung, kidney, blubber, heart, intestine, lung, pancreas, adrenals, muscle, skin, spleen, tongue, testes, adrenals (left and right), tracheobronchial lymph node for histology to CCSN/AFIP
Skin (z) for genetics to NMFS
Skull (z) to T. French
Gonads/testes (f)
Stomach contents to WHOI
Blubber, muscle, liver, kidney for contaminants

SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ga-001	WAM555	4 July 00	Stranding		Southport, NC	34°13.566'/77°52.229'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	13 ((GLG))	367		25	190	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L151C	133.0	134.0			
Kidney	NM11K152C	139.0	93.0			
Blubber	NM11B153C	145.0	141.0			

ADDITIONAL SAMPLES COLLECTED:

Histology for UNCW and NMFS-SER
Stomach for future analysis to UNCW
Teeth for age determination to Christine Lockyer (Age Dynamics), aged tooth in 2005

SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ga-002	RT Blue 47	16 Jan 05	Mass Stranding		Oregon Inlet, NC	35.83/-75.56
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Unknown (tooth)	177				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L724C	140	170		Yes	
Kidney	NM16K725C	150	170		Yes	
Blubber	NM16B726C	110	120		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, pancreas, spleen, blubber, adrenals, brain, colon, thyroid, intestine, aorta, atrium, bronchi, diaphragm, ears, pharynx, spinal cord (cervical and thoracic), testes, ventricle, lymph nodes (prescapular, mesenteric, colonic, lung) for histology to NMFS Beaufort Lab
Tooth, skin, skull, testes, stomach, serum, vitreous humor, head, stomach contents, gonads, blubber, muscle, liver, virology samples, spiphyses samples to NMFS-Beaufort
Blubber, melon to UNCW
Blowhole cultures, parasites to NCSU Vet
Skin for genetics to P. Rosel (NMFS)

SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ga-003	RT 49	16 Jan 05	Mass Stranding		Oregon Inlet, NC	35.83/-75.56
SEX	**AGE (y)**	**TOTAL LENGTH (cm)**	**TOTAL WEIGHT (kg)**	**FLUKE WIDTH (cm)**	**AXILLARY GIRTH (cm)**	**BLUBBER THICKNESS (cm)**
F	Adult (tooth)	375				
NBSB SAMPLES	**NBSB ID NO.**	**WEIGHT OF SUBSAMPLES**			**HISTOLOGY**	**SAMPLE HOMOGENIZED**
		A (g)	**B (g)**			
Liver	NM16L727C	180	170		Yes	
Kidney	NM16K728C	180	160		Yes	
Blubber	NM16B729C	120	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, brain, colon, muscle, intestine, esophagus, aorta, atrium, bladder, brain stem, bronchi, diaphragm, ears, mammary, ovary, pituitary, spinal cord (cervical), umbilicus, uterine horn, ventricle, lymph nodes (prescapular, lung associated, retropharyngeal) for histology

Tooth, skin, skull, ovaries, stomach, serum, vitreous humor, head, virology samples, epiphyses samples, skin, blubber, muscle, liver, fetus, ears to NMFS-Beaufort

Blood (CBC) to Sentra Lab

Blubber, melon, mandibular fat to UNCW

Blowhole cultures, genital cultures, parasites to NCSU Vet

Skin for genetics to P. Rosel (NMFS)

SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ga-004	RT 50	16 Jan 05	Mass Stranding		Oregon Inlet, NC	35.83/-75.56
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult (tooth)	380				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L730C	140	170		Yes	
Kidney	NM16K731C	100	160		Yes	
Blubber	NM16B732C	140	130		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, spleen, blubber, adrenals, colon, muscle, thyroid, intestine, esophagus, aorta, atrium, bladder, bronchi, diaphragm, duodenal ampulla, duodenum, eye, mammary, occipital bone scar tissue, ovary, pharynx, placenta, spinal cord (cervical/thoracic), umbilicus, uterine horn, ventricle, lymph nodes (prescapular, lung associated, mesenteric) for histology

Tooth, skin, ovaries, stomach, serum, vitreous humor, virology samples, epiphyses samples, blubber, muscle, liver, fetus to NMFS-Beaufort

Head, blubber to UNCW

Parasites to NCSU Vet

Skin for genetics to P. Rosel (NMFS)

Stomach contents to DUKE

SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ga-005	RT 105	16 Jan 05	Mass Stranding		Oregon Inlet, NC	35.83/-75.56
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	375				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L733C	150	120		Yes	
Kidney	NM16K734C	160	160		Yes	
Blubber	NM16B735C	110	100		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, blubber, adrenals, brain, colon, intestine, aorta, atrium, bladder, brain stem, bronchi, diaphragm, ears, lesions, mammary, ovary, spinal cord (cervical), uterine horn, ventricle, lymph nodes (prescapular, mesenteric, colonic, lung associated, pancreatic) for histology

Skin, skull, stomach, serum, vitreous humor, head, virology samples, blubber, muscle, liver, ears to NMFS-Beaufort

Blubber, muscle, melon, mandibular fat to UNCW

Parasites to NCSU Vet

Skin for genetics to P. Rosel (NMFS)

Stomach contents to DUKE

SHORT-FINNED PILOT WHALE (*Globicephala macrorynchus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ga-006	RT 106	16 Jan 05	Mass Stranding		Oregon Inlet, NC	35.83/-75.56
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	364				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L736C	150	100		Yes	
Kidney						
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, colon, muscle, intestine, aorta, atrium, bladder, bronchi, diaphragm, mammary, ovary, spinal cord (cervical), uterine horn, ventricle, lymph nodes (prescapular, mesenteric, lung associated, colonic) for histology

Skin, ovaries, stomach, serum, vitreous humor, virology samples, epiphyses samples, blubber, muscle, liver, fetus to NMFS-Beaufort

Skull, blubber, muscle to UNCW

Parasites to NCSU Vet

Stomach contents to DUKE

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-001	WAM 531	9 Feb 98	Stranding		Holden Beach, NC	33°54'.50/78°17.35'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		268	285	70	146	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L221	78	101		Yes	7 Oct 03
Kidney	NM8K222	85	124		Yes	8 Jan 04
Blubber	NM8B223	76	89			3 Aug 00
Muscle	NM8M224	80	89			

ADDITIONAL SAMPLES COLLECTED:

Testis to NIST NBSB
Stomach to Damon Gannon (DUKE Marine Lab)
Tissues for histology

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-002	MMES98111SC	20 Aug 1998	Stranding		N. Litchfield Beach, SC	33°29'.37/79°04.73'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		295		68	149	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L323	169.5	190.5		Yes	15 Oct 03
Kidney	NM8K324	158.5	167.6		Yes	13 Jan 04
Blubber	NM8B325	135.2	137.8			3 Aug 00
Muscle	NM8M326	157.2	160.1			

ADDITIONAL SAMPLES COLLECTED:

Tissue for histology to AFIP

PYGMY SPERM WHALE (*Kogia breviceps*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-003	MMES98114SC	5 Sept 1998	Stranding		Debordieu Beach, SC	32°22'79°09'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Neonate	117.1	27.2	32.5	72	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L327	141.1	147.8		Yes	17 Oct 03
Kidney	NM8K328	106.7	116.0		Yes	15 Jan 04
Blubber	NM8B329	127.6	142.2			9 Aug 00
ADDITIONAL SAMPLES COLLECTED:						
Tissue for histology to AFIP						

PYGMY SPERM WHALE (*Kogia breviceps*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-004	MMES98121SC	2 Oct 1998	Stranding		Sullivans Island, SC	32°45'.65/79°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	298		81	161	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L351	161.0	155.6		Yes	21 Oct 03
Kidney	NM9K352	165.0	160.2		Yes	21 Jan 04
Blubber	NM9B353	117.1	141.9			15 Aug 00
ADDITIONAL SAMPLES COLLECTED:						
Pulmonary lymph node, brain, L & R lung, heart, mesenteric lymph node, liver, mammary, pelvic lymph node, kidney, ovaries for histology to AFIP Skin for genetics Blubber, liver, kidney for toxicology Muscle, milk for biochemical analysis L & R lung for virology Stomach, stomach parasites, ovaries, skeleton for life history and skeletal archive						

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-005	MMES98122SC	2 Oct 1998	Stranding		Sullivans Island, SC	32°45'.6579°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Calf	167		50	100	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L354	150.4	164.2		Yes	23 Oct 03
Kidney	NM9K355	132.4	136.7		Yes	26 Jan 04
Blubber	NM9B356	126.0	132.5			16 Aug-00

ADDITIONAL SAMPLES COLLECTED:

Thymus, brain, L & R lung, heart, spleen, liver, aorta, kidney for histology to AFIP
Skin for genetics
Blubber, liver, kidney for toxicology
Muscle for biochemical analysis
L & R lung for virology
Stomach, skeleton for life history and skeletal archive

PYGMY SPERM WHALE (*Kogia breviceps*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-006	MMES2001013SC	20 Feb 2001	Stranding		Folly Beach, SC	32°40.52'/79°53.87'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	290	386.9	75	161	3.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L312C	176.2	156.2		Yes	27 Oct 03
Kidney	NM12K313C	165.8	146.8		Yes	28 Jan 04
Blubber	NM12B314C	140.5	136.7			18 Feb 04

ADDITIONAL SAMPLES COLLECTED:

SC0112
Liver, kidney, blubber, lung, muscle, stomach lining, heart, pancreas, brain, mesenteric lymph node, thymus, bronchus, aorta, esophagus, diaphragm, pericardium, spleen, testes, white nodules on right kidney, bladder, epididymis taken for histology to AFIP
Prescapular lymph node, heart, testes, stomach parasites, mesenteric parasites, squid beaks, skull, stomach for life history to W. McFee (NOS CCEHBR)
Skin taken for genetics to CCEHBR
Muscle, spleen, blubber taken for biochemical analysis
Rt. lung taken for virology
Liver, rt. kidney taken for toxicology

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-007	MMES2001045SC	11 Jun 2001	Stranding		Dewee's Island, SC	32°49.54'/79°43.35'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	286		70	170	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L336C	158.6	185.7		Yes	30 Oct 03
Kidney	NM12K337C	146.0	164.6		Yes	2 Feb 04
Blubber	NM12B338C	144.3	155.3			24 Feb 04

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, muscle, stomach, heart, pancreas, skin, lymph node (prescapular, mesenteric), spleen, testes, bladder, epididymis taken for histology to AFIP
Muscle for biochemical analysis
Parasites (from the glenoid, esophagus, stomach, lung, scapular, and head), stomach, l. testis, skull taken for life history
Skin taken for genetics to CCEHBR
L. lung taken for virology
Liver for toxicology

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-008	MMES2001055SC	6 Jul 2001	Stranding		Ft. Sumter, Charleston, SC	32°41.28'/79°53.21'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	293	403.7	79.5	167	2.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L345C	162.5	135.2		Yes	24 Nov 03
Kidney	NM12K346C	149.8	141.2		Yes	6 Feb 04
Blubber	NM12B347C	149.8	131.4			2 Mar 04

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, muscle, heart, brain, lymph node (prescapular, scapular, pulmonary, mesenteric, rt. lingual, l. lingual), pericardium, lung lesions, esophagus, aorta, thymus, uterine gland, uterus, rt. mammary gland, bladder taken for histology to AFIP
Muscle taken for biochemical analysis
Parasites (from the esophagus, stomach), stomach, whole heart, r. ovary, fetus, r. mammary gland, teeth, skull, flippers, scapulas for life history
Skin taken for genetics to CCEHBR
Rt. lung taken for virology

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-009	MMES2004006SC	7 Feb 04	Stranding		Isle of Palms, SC	32.80797 / -79.72433
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	303	743	78	158.0	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L565C	166.7	171.6		Yes	18 Mar 04
Kidney	NM15K566C	167.1	177.1		Yes	24 Mar 04
Blubber	NM15B567C	118.3	148.8			8 Mar 04

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, spleen, thymus, brain, heart, muscle, esophagus, bronchi, aorta, cerebellum, cerebrum, and prescapular and mesenteric lymph nodes for histology

Teeth, skin, skull, parasites, stomach to W. McFee (NOS/CCEHBR)

Liver and kidney for toxicology

Lung for virology

Lung parasites, blubber parasites, esophageal parasites, stomach, testes

Teeth, skull, ribs, flip, scapula for life history

Muscle, fecal, blowhole swaps, blood for biochemical analysis

PYGMY SPERM WHALE (*Kogia breviceps*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-010	MMES2004086SC	21 Aug 04	Stranding		Kiawah Island, SC	32.5990 / -80.0950
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	305	399.54	81	176	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L638C	169.0	156.7		Yes	
Kidney	NM15K639C	144.8	171.8		Yes	
Blubber	NM15B640C	153.0	160.9			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, colon, heart, muscle, thyroid, intestine, esophagus, bronchi, pericardium, aorta, diaphragm, forechamber, fundic chamber, pyloric chamber, brain stem, vas deferens, epididymis, bladder, lymph nodes (prescapular, mesenteric, and lung associated) for histology

Skin, gonads, parasites, stomach to W. McFee (NOS/CCEHBR

Vitreous, blubber, eye, spleen, muscle, bronchus, heart, muscle, kidney, liver, adrenal, thyroid, and trachea for toxicology

Lung for virology

Feces and seminal fluid for life history

Blowhole swab, blood, urine, lung, liver, spinal cord, seminal fluid and spleen for biochemical analysis

Whole head (skeletal) for MRI

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-011	MMES2004087SC	24 Aug 04	Stranding		Hilton Head Island, SC	32.1189 / -80.76805
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	307	372.27	89	158.5	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L641C	182.3	163.9		Yes	
Kidney	NM15K642C	151.5	144.9		Yes	
Blubber	NM15B643C	127.4	140.8			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, brain, colon, heart, muscle, thyroid, intestine, esophagus, throat abscess, bronchus, pericardium, heart muscle, aorta, diaphragm, forechamber, fundic chamber, pyloric chamber, vas deferens, epididymis, bladder, cerebellum, lymph nodes (prescapular, mesenteric, lung assoc., sternal, cardiac, and gastric) for histolgoy

Teeth, skin, skull, parasites, stomach W. McFee (NOS/CCEHBR)

Vitreous, blubber, eye, spleen, muscle, bronchus, heart, muscle, kidney, liver, adrenal , thyroid, trachea for toxicology

Throat abscess swab for bacterial analysis

Lung for virology

Stomach, stomach parasites, testes, feces, seminal fluid for life history

Urine, spleen, lung, liver, spinal cord, blood, seminal fluid for biochemical analysis

Whole head (skeletal) for MRI

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-012	MMES2004088SC	1 Sep 04	Mass Stranding		Kiawah Island, SC	32.60617 / -80.05769
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	280		60	180	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L644C	141.1	166.4		Yes	
Kidney	NM15K645C	150.3	135.7		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, thymus, brain, colon, heart, muscle, thyroid, intestine, esophagus, mammary, eye, bronchus, pericardium, aorta, lung lesion, diaphragm, forechamber, fundic chamber, pyloric chamber, brain stem, right horn uterus, bladder, cerebellum, lymph nodes (prescapular, hilar, mesenteric, lung assoc., sternal,) – (histology)
Skin, skull, ovaries, parasites, stomach – (NOS-McFee)
Milk, vitreous, blubber, spleen, muscle, bronchus, heart, muscle, kidney, liver, thyroid, trachea for toxicology
Lung, spleen for virology
Stomach, stomach parasites, ovaries, uterus, feces for life history
Urine, lung, liver, spinal cord, blood for biochemical analysis
Whole head (skeletal) for MRI

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-013	MMES2004089SC	1 Sep 04	Mass Stranding		Kiawah Island, SC	32.60536 / -80.06244
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	129		35	81	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L646C	142.3	167.0		Yes	
Kidney	NM15K647C	73.7	80.2		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, spleen, heart, muscle, intestine, esophagus, eye, bronchus, tongue, aorta, diaphragm, forechamber, fundic chamber, pyloric chamber, brain stem, bladder, lymph nodes (prescapular) for histology
Skin, skull, stomach to W. McFee (NOS/CCEHBR)
Vitreous, blubber, muscle, kidney, liver for toxicology
Lung for virology
Stomach, testes for life history
Liver for biochemical analysis
Whole head (skeletal) for MRI

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-014	MMES2004090SC	1 Sep 04	Mass Stranding		Kiawah Island, SC	32.60611 / -80.05814
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	305		68	188	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L648C	149.5	138.3		Yes	
Kidney	NM15K649C	151.4	150.7		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, thymus, colon, heart, muscle, intestine, esophagus, serosal surface of lung, diaphragm, pericardium, bronchus, aorta, testes, epidiymus, vas deferens, forechamber, fundic chamber, pyloric chamber, brain stem, lymph nodes (prescapular, mesenteric, sternal, gastric, pulmonary) for histology
Skin, skull to W. McFee (NOS/CCEHBR)
Eye, vitreous, blubber, muscle, kidney, liver for toxicology
Lung, spleen, kidney for virology
Parasitic abscess, blubber parasites, lung parasites, liver parasites, whole heart, stomach, testes for life history
Muscle, lung, liver, spleen, kidney for biochemical analysis
Whole head (skeletal) for MRI

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-015	Hubbs-0477-Kb	14 Sep 04	Stranding		Palm Coast, FL	29.813611 / 81.308333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subdult	206	728	61	188	3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L652C	153	161		Yes	
Kidney	NM15K653C	151	162		Yes	
Blubber	NM15B654C	150	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, stomach, brain, heart, muscle, thyroid, intestine, skin, esophagus, lymph nodes (prescapular, axillary, mesenteric), additional samples see level A data sheet for histology
Teeth, skin, reproductive tract, mammary tissue, ovaries, parasites, stomach to Hubbs Sea World
Additional samples see level A data sheet

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-016	MMES2004092SC	5 Sep 04	Stranding		Edisto Island, SC	32.4786/-80.3331
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	329		84.0	196.0	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L655C	131.2	168.8		Yes	
Kidney	NM15K656C	160.3	160.1		Yes	
Blubber	NM15B657C	120.0	136.9			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, stomach, brain, heart, muscle, thyroid, intestine, esophagus, diaphragm, pericardium, bronchus, aorta, L. testis, epididymis, vas deferens, cerebellum, lymph nodes (prescapular, hilar, mesenteric, mediastinal, bronchial, serosal surface of lung, gastric) for histology to AFIP/HBOI

Skin for genetics to P. Rosel (NMFS)

Skull for MRI scan to NCSU

Eye, vitreous, blubber, muscle, liver for toxicology

Liver, l. adrenal, muscle, l. lung, spleen, l. kidney, feces, urin, seminal fluid for biochemical analysis

L. lung, l. kidney, spleen for virology

L. testis, esophageal parasites, stomach parasites, stomach for life history

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-017	MMES2005022SC	7 June 04	Single Stranding		Sand Island, SC	32.1823/-79.1872
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	277				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L786C	160.4	157.1		Yes	
Kidney	NM16K787C	149.2	146.6		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, heart, intestine, pancreas, anrenals, brain stem, muscle, spleen, thymus esophagus, diaphragm nodule, diaphragm, pericardium, uterine horn, forechamber, cerebellum, bladder, lymph nodes (prescapular, mesenteric, mediastinal, gastric) for histology to NOS/Charleston.

Skin for genetics to NOS/Charleston.

Skull for MRI scan to NOS/Charleston.

Ovaries, parasites, stomach to NOS/Charelston.

Whole blood, blubber, liver, rt. & lt. kidney for toxicology

Lung for viral analysis

Lung, serum, feces for biochemical

Whole heart for life history

PYGMY SPERM WHALE (*Kogia breviceps*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-018	MMES2005039SC	16 July 04	Single Stranding		Kiawah Island, SC	32.60873/-80.04119
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	281				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L788C	171.7	155.0		Yes	
Kidney	NM16K789C	139.2	149.1		Yes	
Blubber	NM16B780C	171.7	155.0			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, heart, intestine, pancreas, anrenals, brain stem, muscle, spleen, thymus esophagus, diaphragm nodule, diaphragm, pericardium, uterine horn, forechamber, cerebellum, bladder, lymph nodes (prescapular, mesenteric, mediastinal, gastric) for histology to NOS/Charleston.

Skin for genetics to NOS/Charleston.

Skull for MRI scan to NOS/Charleston.

Ovaries, parasites, stomach, to NOS/Charelston.

Whole blood, blubber, liver, rt. & lt. kidney for toxicology

Lung for viral analysis

Lung, serum, feces for biochemical

Whole heart for life history

PYGMY SPERM WHALE (*Kogia breviceps*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-019	Hubbs-0530-KB	30Aug 2005	Single Stranding		Melbourne Beach, FL	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/calf	129	37.46	44	80	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L806C	155			Yes	
Kidney	NM16K807C	152			Yes	
Blubber	NM16B808C	142	141			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, ling, pancreasm brain, muscle, skin, trachea, spleen, thymus, colon, thyrois, esophagus, lymph nodes (prescapular, axillary, mesenteric) collected for histology to Sea World California.

Skin for genetics to Sea World California.

Gonads/testes collected

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-020	MMES2005070SC	29 Oct 05	Single		Hilton Head, SC	32.20050/-80.68830
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	306		79	148	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L827C	164.9	159.9		Yes	
Kidney	NM16K828C	138.2	165.4		Yes	
Blubber	NM16B829C	151.8	151.8		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart,lung, muscle, skin, trachea, spleen, esophagus, bronchus, bladder, urine, testes, brainstem for histology
Teeth, skin, testes, parasites, stomach to NOS Charleston.
Muscle for biochemical
Liver, l.kidney, blubber for toxicology
Stomach, r. testes, skull, flipper, scaplus for life history
Urine for bacterial
Lung for virology.

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-021	MMES2005041SC	21 July 05	Single		Kiwah Island, SC	32.5931/-80.1137
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	297		90	176	3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L830C	163.4	155.6		Yes	
Kidney	NM16K831C	160.7	158.4		Yes	
Blubber	NM16B832C	123.9	135.9		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, intestine, lung, pancreas, adrenals, brain, muscle, trachea, spleen, thymus, colon, esophagus, diaphragm, pericardium, bronchus, brain stem, bladder, vas deferens, epididymis, tongue, spinal cord, infection, tissue surrounding infection, aorta for histology LYMPH NODES prescapluar, mesenteric, sternal.

Teeth, skin, skull, testes, stomach to NOS Charleston.

Whole blood, blubber, muscle, liver, kidney for toxicology

Lung, serum, urine, vitreous for biochemical analysis

Muscle, feces for bacterial

Lung for viral

Whole heart, seminal fluid for life history.

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-022	MMES2005047SC	9 Aug 05	Single		Pawley's Island	33.4368/-79.11672
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	316		90	176	3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L833C	163.4	155.6		Yes	
Kidney	NM16K834C	160.7	158.4		Yes	
Blubber	NM16B835C	123.9	135.9		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, intestine, lung, pancreas, adrenals, brain, muscle, trachea, spleen, thymus, colon, esophagus, diaphragm, pericardium, bronchus, brain stem, bladder, vas deferens, epididymis, tongue, spinal cord, infection, tissue surrounding infection, aorta, lymph nodes (prescapluar, mesenteric, sternal) for histology

Teeth, skin, skull, testes, stomach to NOS Charleston.

Whole blood, blubber, muscle, liver, kidney for toxicology

Lung, serum, urine, vitreous for biochemical analysis

Muscle, feces, for bacterial

Lung for viral

Whole heart, seminal fluid for life history.

PYGMY SPERM WHALE *(Kogia breviceps)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Kb-023	MMES2005065SC	24 Aug 05	Single		Sullivan's Island	32.7536/-79.8492
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	305		97	174	5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L836C	167.7	152.4		Yes	
Kidney	NM16K837C	164.6	171.0		Yes	
Blubber	NM16B838C	149.5	144.4		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, pancreas, brain, muscle, trachea, spleen, thymus, colon, esophagus, lung bronchi, diaphragm, pericardium, bronchus, brain stem, vas defrens, epididymis, tongue, spinal cord, genital lesion, wound behind blowhole, aorta, optic nerve, wound near mouth, heart ligament, lymph node (prescapluar, mesenteric, mung associated, gastric) for histology
Teeth, skin, testes, parasites (stomach and bladder), stomach
Tox: blubber, muscle, liver, kidney for biochem analysis
Lung, vitresous, blood for virology
Lung, cerebellum, adrenal, cerebrum, spleen, serum for life history
Whole heart, seminal fluid, whole head, abdominal parasitic cyst for bacterial
Muscle, feces
All samples at NOS Charleston

DWARF SPERM WHALE *(Kogia simus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-001	MMES 9889 SC	7/22/98	Stranding		Isle of Palm, SC	32°46.50/79°47.30
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		97	26.3	32	72	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L288	176.2	164.2		72	
Kidney	NM8K289	65.3	80.1		Yes	
Blubber	NM8B290	118.7	134.0			
Muscle	NM8M291	156.0	177.2			

ADDITIONAL SAMPLES COLLECTED:

Histology taken for AFIP

DWARF SPERM WHALE (*Kogia simus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-002	MH-99-696Ks	30 Sep 99	Stranding		Long Sands Beachm, York, ME	43°09.59'/70°37.25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult			60	132	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L087C	177.30	179.32		Yes	
Blubber	NM10K088C	169.27	136.59		72	
Kidney	NM10B089C	137.96	144.34		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, heart, intestine, pancreas, brain stem, skin for histology to NEA/AFIP
Tooth for aging to NEA
Skeleton to NEA

DWARF SPERM WHALE (*Kogia simus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-003	DAP032	11 Nov 99	Stranding		Holden Beach, NC	33°54'/78°22'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	207	137	60	115	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L127C	107	153			
Kidney	NM11K128C	146	174			
Blubber	NM11B129C	96	149			
Muscle	NM11M130C	142	154			

ADDITIONAL SAMPLES COLLECTED:

Histology taken for AFIP

DWARF SPERM WHALE (*Kogia simus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-004	WAM 566	27 Mar 01	Stranding		Cape Fear, NC	33°50.8'/77°57.6'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	166	137	47	117	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L327C	152.0	169.0		Yes	
Kidney	NM12K328C	139.0	141.0		Yes	
Blubber	NM12B329C	153.0	120.0			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, and brain stem taken for histology to AFIP

DWARF SPERM WHALE (*Kogia simus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-005	MMES2001131SC	2 Nov 01	Stranding		Sullivans Island, SC	32°45.65'/79°50.10'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	207		50	117	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L351C	157.2	150.3		Yes	
Kidney	NM12K352C	157.0	171.7		Yes	
Blubber	NM12B353C	131.1	144.5			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, muscle, stomach lining, heart, intestine, pancreas, brain, lymph nodes (prescapular, mesenteric), diaphragm, spleen, epididymis, vas deferens, thymus taken for histology to AFIP
Skin taken for genetics to NOS/CCEHBR
Rt. lung for virology
Blubber, liver, rt. & left kidney for toxicology
Muscle, spleen, urine taken for biochemical analysis
Stomach, stomach parasites, testes, epididymis, vas deferens seminal fluid, teeth, skeleton for life history
Skeleton for skeletal archive

DWARF SPERM WHALE (*Kogia simus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-006	WAM609	23 July 01	Single Stranding		Shallotte, SC	33.91000/78.38333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	197.5	110	65	117.5	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L791C	136	151		Yes	
Kidney	NM16K792C	196	153		Yes	
Blubber	NM16B793C	129	122		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, skin, lymph nodes (mesenteric, media stinal), trachea, spleen, colon, thyroid, scar tissue, encapsulated cyst, testis, epididymis, dorsal aorta, prostate for histology to NCSU/UT. (brain and heart at UT)
Teeth for aging to UNCW
Skin for genetics to W. McLellan (UNCW)
Skull, epididymis, testies, parasite 9phyllobothrium-blubber, momorhygma-peritoneal cavity, stomach
Muscle, blubber, serum for virology suite

DWARF SPERM WHALE (*Kogia simus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ks-007	MML 0525	8 Sep 05	Single Stranding		Siesta Key, FL	27.2906/82.5601
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	219	155	56.3	116.9	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L812C	155.9	145.6		Yes	
Kidney	NM16K813C	154.8	142.6		Yes	
Blubber	NM16B814C	142.8	114.9			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph nodes (mesenteric, pulmonary) for histology to MML

GERVAIS' BEAKED WHALE *(Mesoplodon europaeus)*

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Me-001	MMES98119SC	17 Sept 1998	Stranding		Georgetown	33°41'.50/79°53.08'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		418		100	92	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L330	158.2	155.5		Yes	
Kidney	NM8K331	174.6	159.2		Yes	
Blubber	NM8B332	131.5	135.2			
Muscle	NM8M					
ADDITIONAL SAMPLES COLLECTED:						
Histology taken for AFIP						

CUVIER'S BEAKED WHALE (*Ziphius cavirostris*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-001	ASF043	5 May 00	Stranding		Caswell Beach, NC	33°566'/78°015'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6 ((GLG))	445		105	200	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	NM11K154C	83.0	70.0			
Blubber	NM11B155C	95.0	99.0			

ADDITIONAL SAMPLES COLLECTED:

Histology for UNCW
Stomach for future analysis to UNCW
Skin lesions for UNCW
Teeth for age determination to Christine Lockyer (Age Dynamic) - aged tooth in 2005

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-001	MH90-553Pp	3 Oct 90	Incidental catch		Portland, ME	43°40' 70°15'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8-10	145	47	38	88	1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L001	161	147		Yes	8 May 91
Blubber	NM1B002	128	123			21 Aug 91

ADDITIONAL SAMPLES COLLECTED:

Teeth to NEA
Skeleton to Smithsonian
Tissue for toxicology and histology

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-002	MH91-424Pp	29 Jan 91	Incidental catch		Scituate Town Pier	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	120	31.78	27	71	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L013	168.4	170.3			20 Apr 92
Blubber	NM1B014	152	138.9			11 Mar 92

ADDITIONAL SAMPLES COLLECTED:

Tissue samples taken by Jennifer Hogan for NMFS, Seattle, WA
Tissue samples taken by John Nicholas for Woodshole, MA

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-003	MH91-461Pp	19 Mar 91	Incidental catch		Portland, ME	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	3	132	38.59	31	84	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L015	129.7	141.9			23 May 91
Blubber	NM1B016	140.7	131.7			16 Sept 91
ADDITIONAL SAMPLES COLLECTED:						

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-004	MH91-505Pp	9 May 91	Incidental catch		Portland, ME	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	109	23.61	31	67.5	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L017	171.7	159.7			23 Apr 92
Blubber	NM1B018	148.1	140.5			12 Mar 92
ADDITIONAL SAMPLES COLLECTED:						

HARBOR PORPOISE ***(Phocoena phocoena)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-005	MH91-504Pp	9 May 91	Incidental catch		Portland, ME	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	121.5	29.51	28	72	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L019	178.6	174.7			29 Apr 92
Blubber	NM1B020	122.9	134.3			13 Mar 92
ADDITIONAL SAMPLES COLLECTED:						
Blubber tissue for Distribution Study at NMFS, Seattle, WA						

HARBOR PORPOISE ***(Phocoena phocoena)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-006	MH92-477Pp	14 Apr 92	Incidental catch		Nantastket Beach	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		111	39.50	30	79	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM1L029	148.4	161.1			25 Oct 94
Blubber	NM1L030	107.7	120.4			
ADDITIONAL SAMPLES COLLECTED:						

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-007	MH92-575Pp	20 Oct 92	Incidental catch		Portsmouth, NH	13415, 25812*
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	123	34.05	34	85	2.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM2L031	128.5	106.6			25 Jan 93
Blubber	NM2B032	80.6				20 May 93
ADDITIONAL SAMPLES COLLECTED:						
* Loran readings						

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-008	MH92-597Pp	11 Dec 92	Incidental catch		Boothbay, ME	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	141	49.94	36	85	3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM2L033	113.14	122.67			30 Sept 94
Blubber	NM2B034	96.4	107.72			
ADDITIONAL SAMPLES COLLECTED:						

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-009	PJG-126	29 Apr 93	Stranding		Seattle, WA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		152.7	40	36.4	74	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L043	80.78	63.92		Yes	
Blubber	NM3B044	81.13	63.96			

ADDITIONAL SAMPLES COLLECTED:

Skull, skeleton, teeth, stomach contents, reproductive organs, blubber, muscle, liver, kidney, heavy metal samples, subcellular genetics, histology, skin, dorsal fin collected
Lung for histology and toxicology

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-010	MH93-496Pp	13 May 93	Incidental catch		Sea Brook, NH Gulf of Maine	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		128	39	32	84	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L045	141.4	140.7			
Blubber	NM3B046	120.7	123.1			

ADDITIONAL SAMPLES COLLECTED:

Photos taken
Liver, blubber for NMFS, Seattle, WA

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-011	MH-97-462Pp	7 Mar 97	Stranding		Winthrop, MA	42°22.84'/70°58.21'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	128.0	29.5	28	68	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L107	152.2	158.4			
Blubber	NM7B108	148.9				1 Jul 98
ADDITIONAL SAMPLES COLLECTED:						
Esophagus, lung, bladder for histology to NEA						

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-012	GM-97-19	18 Aug 97	Weir Entanglement		Grand Manan , NB, Canada Gulf of Maine	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		123.0	39.4	33.0	80.0	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L143	92.0	108.0		Yes	
Kidney	NM7K144	87.0	114.0		Yes	
Blubber	NM7B145	71.0	63.0			8 Jul 98
ADDITIONAL SAMPLES COLLECTED:						
GM-97-19 Blubber, brain, liver, muscle for toxicology						

HARBOR PORPOISE *(Phocoena phocoena)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-013	GM-97-27Pp	26 Aug 97	Weir Entanglement		Grand Manan, NB, Canada	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	118.0	28.0	26.5	75.5	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L146	90.0	68.0		Yes	
Kidney	NM7K147	52.0	70.0		Yes	
Blubber	NM7B148	63.0	72.0			9 Jul 98

ADDITIONAL SAMPLES COLLECTED:

GM-97-27
Stomach, histology taken

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-014	MH-99-437-Pp	8 Feb 99	Stranding		Great Island, MA	41°55.31'/70°03.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈1	107	18.15	26	64	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L005C	193.85	171.79		Yes	
Kidney	NM10K006C	114.75			Yes	
Blubber	NM10B007C	160.59	154.52			

ADDITIONAL SAMPLES COLLECTED:

Lung, adrenal, heart for histology

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-015	MH-99-453Pp	18 Feb 99	Stranding		Winthrop, MA	42°22.06'/70°58.246'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈1			28.25	64.5	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L011C	132.09	150.0		Yes	
Kidney	NM10K012C	78.72	83.50		Yes	
Blubber	NM10B013C	113.81	132.13			
ADDITIONAL SAMPLES COLLECTED:						
Lung, adrenal for histology to NEA						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-016	MH-99-473Pp	2 Feb 99	Stranding		Mayo Beach, MA	41°55.08'/70°02.47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈1	122	36.29	32	78	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L014C	164.73	172.36		Yes	
Kidney	NM10K015C	77.2	84.33		Yes	
Blubber	NM10B016C	144.86	138.87			
ADDITIONAL SAMPLES COLLECTED:						
Lung, adrenal for histology to NEA						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-017	MH-99-510Pp	18 Mar 99	Stranding		Chelsea, MA	42°23.13'/71°02.18'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈1	116	27.22	28	65	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L029C	178.01	175.87			
Kidney	NM10K030C	168.11				
Blubber	NM10B031C	147.88	151.97			
ADDITIONAL SAMPLES COLLECTED:						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-018	MH-99-530Pp	19 Mar 99	Stranding		Wellfleet, MA	41°53.64'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	117	29.48	30	70	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L032C	162.89	171.40			
Kidney	NM10K033C	136.13				
Blubber	NM10B034C	138.18	138.56			
ADDITIONAL SAMPLES COLLECTED:						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-019	GM9920	18 Aug 99	Stranding		Grand Manan, NB	45°00.00'/67°00.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	151	46	35.5	91.5	17
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L058C	116	103		Yes	
Kidney	NM10K059C	86	105		Yes	
Blubber	NM10B060C	78	78		Yes	
Muscle	NM10M061C	105	109		Yes	

ADDITIONAL SAMPLES COLLECTED:

Complete set collected, all organs for histology to UNCW, Duke samples
Tooth collected

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-020	GM9921	19 Aug 99	Weir Fishery		Grand Manan, NB	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		744.5	59.2	38.5	103	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L062C	121	143		Yes	
Kidney	NM10K063C	104	86		Yes	
Blubber	NM10B064C	104	102		Yes	
Muscle	NM10M065C	157	171		Yes	

ADDITIONAL SAMPLES COLLECTED:

Complete set collected, all organs for histology to UNCW, AFIP

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-021	MH-99-590Pp	28 Mar 99	Stranding		Nantasket Beach, Hull, MA	42°17.475'/70°52.493'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling			31	74	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L090C	166.10	176.19		Yes	
Kidney	NM10K091C	150.53			Yes	
Blubber	NM10B092C	149.68	152.31		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, heart, intestine, pancreas, brain stem, skin for histology to NEA/AFIP Teeth for aging to NEA						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-022	MH-99-505Pp	17 Mar 99	Stranding		Horriy River, Wellfleet, MA	41°55.842'/70°03.905'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	118	20.41	31	63	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L096C	192.88	183.22		Yes	
Kidney	NM10K097C	149.68			Yes	
Blubber	NM10B098C	134.48	144.94		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, and adrenals for histology to NEA/AFIP Tooth for aging to NEA						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-023	KMS033	05 Mar 00	Stranding		Outer Banks, NC	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		108	17	27	60	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L011C	134.0	87.0			
Kidney	NM11K012C	42.0	42.0			
Blubber	NM11B013C	50.0	57.0			
Muscle	NM11M014C	109.0	96.0			
ADDITIONAL SAMPLES COLLECTED:						
Histology to AFIP						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-024	GM-00-01	27 Jul 00	Fishery		Grand Manan, Canada	44°48.75'/66°41.76'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	123	33.2	23.0	76.5	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L250C	108.0	132.0		Yes	
Kidney	NM11K251C	92.0	88.0		Yes	
Blubber	NM11B252C	69.0	77.0		Yes	
Muscle	NM11M253C	102.0	92.0		Yes	
Brain	NM11R254C	78.0	112.0		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to AFIP Stomach to Duke Marine Lab						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-025	GM-01-96	9 Aug 01	Fishery		Grand Manan, Canada	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		121	34.0	32.5	77.0	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L402C	53.0	56.0		Yes	
Kidney	NM13K403C	66.0	57.0		Yes	
Blubber	NM13B404C	42.0	43.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (pre-scapular, lung, mesenteric), aorta, epididymis, spleen, tongue, trachea for histology
Stomach to Duke Marine Lab
Teeth collected

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-026	GM-01-136	14 Aug 01	Fishery		Grand Manan, Canada	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		141	49.2	33.5	84.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L405C	54	73		Yes	
Kidney	NM13K406C	97	72		Yes	
Blubber	NM13B407C	50	47		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, skin, lymph nodes (pre-scapular, lung, mesenteric), esophagus, gonad, aorta, spleen, tongue, trachea urinary bladder, fluke lesion, lung cyst, epididymis for histology
Stomach to Duke Marine Lab

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-027	MH-02-624Pp	11 Apr 02	Stranding		Brewster, MA	41°45.83'/70°06.20'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	156.5	60.8	35.0	86.0	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L411C	144.6	150.0		Yes	
Kidney	NM13K412C	164.0	155.6		Yes	
Blubber	NM13B413C	122.0	129.5		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, skin, lymph nodes, tooth for histology to NEA
Stomach, eYes, mammary glands, milk, esophagus, fetal liver, fetal and adult kidneys, urinary bladder to NEA

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-028	MH-02-584Pp	27 Mar 02	Stranding		Wellfleet, MA	41°53.77'/70°59.68'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	10 months	125	28.3	29.0	70.5	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L414C	161.01	169.5		Yes	
Kidney	NM13K415C	161.9			Yes	
Blubber	NM13B416C	138.0	113.6		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, skin, lymph nodes for histology to NEA
Stomach to NEA

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-029	MH-01-695Pp	22 Apr 01	Stranding		Wellfleet, MA	41°55.40'/70°3.78'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	109.0	22.4			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L429C	170.75	142.52		Yes	
Kidney	NM13K430C	150.61			Yes	
Blubber	NM13B431C	136.19	128.21		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber for histology to NEA						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-030	MH-02-470Pp	17 Jul 02	Stranding		Dover, NH	43°11.893'/70°52.074'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Calf	95.25	≈30.0	23.4	52.9	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L448C	139.4	145.7		Yes	
Kidney	NM13K439C	50.8	55.1		Yes	
Blubber	NM13B440C	100.5	107.9		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain, skin, lymph nodes (pericardial), spleen, eye, thymus, bladder, reproductive tract for histology to NEA						

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-031	MCL 001	08 May 2005	Single Stranding		Corolla, NC	36.516/75.875
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	113	20	23	64.5	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L809C	127	130		Yes	
Kidney	NM16K810C	66	84		Yes	
Blubber	NM16B811C	76	80		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, heart, intestine, lung, pancreas, adrenals, brain, muscle, trachea, spleen thymus, colon, thyroid, esophagus collected for histology to UNCW

Teeth for age determination to UNCW

Reproducative tract to UNCW

Ovaries to UNCW

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-032	DO 5243	3 Oct 05	Incidental take, Fisheries		Atlantic, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	130	75	30	76	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L848C	150	150		Yes	
Kidney	NM16K849C	150	150		Yes	
Blubber	NM16B850C	150	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, lung, adrenals, muscle, skin, spleen, diaphragm, bladder, testes, bronchial lymph node for histology

Teeth, skin, stomach to NOAA/NEFSC

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-033	DO 5640	15 Nov 05	Incidental take, Fisheries		STAT area #513, MA	42D 51.8’/-70D, 15.11’
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)’
M	Subadult	148	130	8	84	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L857C	174.68	154.33		Yes	
Kidney	NM16K858C	131.82	61.91		Yes	
Blubber	NM16B859C	166.14	154.33			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, pancreas, adrenals, brain, colon, esophagus, bladder, testes, lymph nodes (prescapluar, tracheobroncial) for histology
Skin, stomach, muscle blubber liver to NMFS
Skeleton to Smith (WHOI)
Testes to WHOI
Brain, lung, thoracic & abdominal fluid for bacterial
Brain, lung, urine for urology

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-034	DO 5654Pp	19 Dec 05	Incidental take, Fisheries		STAT area #514, MA	42.45083/-70.35833
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)’
M	Yearling	116	80	20	78	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L860C	151.3	168.8		Yes	
Kidney	NM16K861C	139.8	83.6		Yes	
Blubber	NM16B862C	125.5	146.3			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, trachea, spleen, thymus,colon, thyroid, esophagus, bladder for histology
Blubber, liver, muscle for toxicology to NMFS
Skin, stomachfor life history/genetics to NMFS
Lung for virology
OHHI samples taken

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-035	DO 6742	10 Nov 05	Incidental take, Fisheries		Gulf of Maine, MA	43 ,00.1/ 70 26.0
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)`
F	Subadult	146	110	36	94	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L869C	150	150		Yes	
Kidney	NM16K870C	150	150		Yes	
Blubber	NM16B871C	150	150			

ADDITIONAL SAMPLES COLLECTED:

Histology Liver, kidney, lung, pancreas, adrenals, brain, muscle,uterus, lung associated lymph node to NMFS/WHOI
Skin for genetics to NMFS/NEFSC,
Skeleton to NEFSC/NMFS,
Ovaries to WHOI
Lung parasites, liver flukes; entire stomach to NMFS/NEFSC
Blubber, liver muscle for chemical toxicology
Gonads, skin, stomach & content

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pp-036	DO 7926	15 Nov 05	Incidental take, Fisheries		Gulf of Maine, MA	42D, 47`, 25.47'/-69D 16' 38.21"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)`
M	Yearling	116	70	7	78	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L872C	161.73	153.95		Yes	
Kidney	NM16K873C	115.74			Yes	
Blubber	NM16B874C	156.83	159.86		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, bladder, stomach, heart, intestine, lung, pancreas, adrenals, brain, skin, colon, bladder, skin lesions, lymph node (tracheobroncial) for histology to WHOI
Skin, stomach to NMFS/NEFSC
Skeleton to Smithsonian;
Blubber, liver, muscle for virology to NMFS
Brain, lung for bacteriology
Abdominal & thoracic fluid, brain, nasal swab, and lung

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-001	MH93-445La	23 Mar 93	Stranding		Barnstable, MA	41°44'/70°20'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	191	82	50	94	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L035	131.8	127.97		Yes	3 Jan 94
Blubber	NM3B036	82.37	112.93			9 Apr 01

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, heart, liver, lung for pesticides
Liver, kidney, brain, lung, adrenal, reproductive organs, lymph node, thyroid, thymus for histology

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-002	MH93-446La	23 Mar 93	Stranding		Barnstable, MA	41°44'/70°20'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	185	79	44	96	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L037	133.26	141.14		Yes	6 Jan 94
Blubber	NM3B038	108.5	101.98			14 May 01

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, heart, liver, kidney, lung for pesticides
Liver, kidney, brain, lung, adrenal, lymph node for histology

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-003	MH93-460La	Apr 93	Stranding		Wellfleet, MA	41°55'20"/70°03'15"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		260	190	70	130	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L039	151.14	165.3		Yes	18 May 93
Blubber	NM3B040	115.44	117.6			19 May 93

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, heart, liver, kidney, brain, stomach content for pesticides
Muscle, heart, liver, kidney, brain, lung, adrenal, reproductive organs, stomach, lymph node, pancreas, testes for histology
Lung for ISO
Blubber, muscle, heart, liver, kidney, brain to NMFS
Heart, skin for DNA

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-004	MH93-461La	Apr 93	Stranding		Wellfleet, MA	41°55'/70°03'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		193	73	56	98	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L041	148.88	150.85			7 Jan 94; 16 Apr 01
Blubber	NM3B042	112.08	100.75			16 May 01

ADDITIONAL SAMPLES COLLECTED:

Blubber, heart, kidney, brain for pesticides
Blubber, muscle, heart, liver, kidney, brain to NMFS
Liver, skin for DNA
2 samples with NM3L041, the second sample is the correct sample and is marked with an extra number on lid labels (2001)

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-005	MH94-611La	Dec 94	Stranding		Eastham, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	140	99.8	36	104	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM4L053	141	142		Yes	20 Apr 01
Blubber	NM4B054	142	142			21 May 01

ADDITIONAL SAMPLES COLLECTED:

Blubber, muscle, liver, kidney, brain for pesticides
Liver, kidney, brain, adrenal, reproductive organs, skin, lymph nodes, stomach for histology
Brain for ISO

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-006	MH-96-408La	20 Jan 96	Stranding		Wellfleet, MA	41°56/70°01
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	228	163	66	124	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L055	150.1	167.3		Yes	24 Apr 01
Blubber	NM6B056	108.0	97.8			20 Feb 01

ADDITIONAL SAMPLES COLLECTED:

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-007	MH97-425La	2 Feb 97	Stranding		Brewster, MA	41°46'/70°03'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	156	≈100lbs	36	82	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L095	146.1	144.4		Yes	25 Apr 01
Blubber	NM7B096	100.7	99.8		Yes	22 Feb 01
ADDITIONAL SAMPLES COLLECTED:						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-008	MH-97-506La	28 May 97	Stranding		Duxbury, MA	42°03.5/70°40.0
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		173	56.7	50	94	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L129	162.10	175.96		Yes	26 Apr 01
Blubber	NM7B130	128.64	115.74			16 Feb 01
ADDITIONAL SAMPLES COLLECTED:						
Histology to NEA Entire head taken						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-009	MH97-507La	28 May 97	Stranding		Duxbury, MA	42°03.5/70°40.0
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	188	113.4	34	108	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L131	176.94	146.28		Yes	27 Apr 01
Blubber	NM7B132	118.18	119.20			13 Feb 01
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA Teeth for aging						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-0[illegible]9	MH97-534La	12 Aug 97	Stranding		Great Island, MA	41°55'.492/70°04'.213
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	235		61	119.4	0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L133	173.0	155.8			
Kidney	NM7K134	152.5	168.4			
Blubber	NM7B135	83.7	73.7			15 Feb 01
ADDITIONAL SAMPLES COLLECTED:						
Histology for WHOI and AFIP						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-011	MH-98-414La	29 Jan 1998	Stranding		Brewster, MA	41°47/70°01
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	227		56	132	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L228	171.64	164.58		Yes	21 Jun 01
Kidney	NM8K229	151.18	138.70		Yes	
Blubber	NM8B230	127.4	144.0			5 Feb 01

ADDITIONAL SAMPLES COLLECTED:

Field Numbers: WHOI-001, Orange 3
Histology to NEA, WHOI, AFIP

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-012	MH-98-415La	29 Jan 1998	Stranding		Wellfleet, MA	41°53/70°01
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature			40	118.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L231	160.2	156.5		Yes	17 May 01
Kidney	NM8K281		145.2			
Blubber	NM8B232	113.0	111.3			13 Oct 00

ADDITIONAL SAMPLES COLLECTED:

Field Numbers: WHOI-002,yellow 227
Histology for NEA, AFIP

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-013	MH-98-460La	29 Jan 1998	Stranding		Eastham, MA	41°50/70°00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	198		60	112	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L233	160.1	136.18			22 Jun 01
Kidney	NM8K234	135.0	160.9			
Blubber	NM8B235	107.5	108.2			7 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - yellow 229
Stomach to NMFS, Woods Hole, MA

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-014	MH-98-461La	29 Jan 1998	Stranding		Eastham, MA	41°50/70°00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult			63	122.0	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L236	166.7	137.1			8 Aug 01
Kidney	NM8K237	163.7	165.4			
Blubber	NM8B238	160.8	119.3			8 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - yellow 234
Stomach to NMFS, Woods Hole, MA

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-015	MH-98-462La	29 Jan 1998	Stranding		Eastham, MA	41°50/70°00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F				108	110	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L239	134.9	142.5		Yes	18 May 01
Kidney	NM8K240	149.0	134.4		Yes	
Blubber	NM8B241	116.6	105.7			6 Oct 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - yellow 226
Stomach to NMFS
Histology to NEA, AFIP

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-016	MH-98-447La	30 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile			54	132.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L 242	147.8	147.5			12 Mar 02
Kidney	NM8K243	127.4	157.1			
Blubber	NM8B244	109.4	102.5			12 Oct 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - yellow 79
Stomach to NMFS

WHITE-SIDED DOLPHIN ***(Lagenorhynchus acutus)***

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-017	MH-98-464La	29 Jan 1998	Stranding		Wellfleet, MA	41°55.86/70°02.24
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		195		46	102	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L279	64	83.3			17 Sep 01
Kidney	NM8K280	119.4	114.3			
Blubber	NM8B245	127.9	131.2			11 Dec 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - orange 92
Stomach to NMFS

WHITE-SIDED DOLPHIN ***(Lagenorhynchus acutus)***

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-018	MH-98-456La	30 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult			30	122.0	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L 246	137.7	152.1			20 Jun 01
Kidney	NM8K247	147.0	114.8			
Blubber	NM8B248	133.8	112.7			1 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - orange 21
Stomach to NMFS

WHITE-SIDED DOLPHIN ***(Lagenorhynchus acutus)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-019	MH-98-459La	29 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult			57	114	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L249	116.8	147.3			13 Mar 02
Kidney	NM8K250	129.4	127.8			
Blubber	NM8B251	107.4	102.2			10 Oct 00
ADDITIONAL SAMPLES COLLECTED:						
Field Number - white 550 Stomach to NMFS						

WHITE-SIDED DOLPHIN ***(Lagenorhynchus acutus)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-020	MH-98-455La	29 Jan 1998	Stranding		Wellfleet, MA	41°53.69/70°01.29
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile			38	82	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L252	166.7	140.9			
Kidney	NM8K253	118.5	102.1			
Blubber	NM8B254	121.3	117.1			20 Sep 00
ADDITIONAL SAMPLES COLLECTED:						
Field Number - yellow 228 Stomach to NMFS						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-021	MH-98-418La	29 Jan 1998	Stranding		Eastham, MA	41°50/70°00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		231		15	109	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L255		106.8		Yes	
Kidney	NM8K256				Yes	
Blubber	NM8B257		105.2			15 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - HL-E1
Stomach to NMFS
Histology taken for NEA, AFIP

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-022	MH-98-465La	29 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult			80	130.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L 258	128.4	128.3			14 Mar 02
Kidney	NM8K259	143.7	146.6			
Blubber	NM8B260		68.8			22 Sep 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - white 1100
Stomach to NMFS

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-023	MH-98-463La	29 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult			64	127.0	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L261	159.1	152.8			
Kidney	NM8K262	156..6	160.1			
Blubber	NM8B263		87.2			9 Feb 01

ADDITIONAL SAMPLES COLLECTED:

Field Number - white 1031
Stomach to NMFS
Pregnant-fetus male 56cm

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-024	MH-98-436La	29 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile			60	110	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L267	120.9	122.2			
Kidney	NM8K268	146.3	133.0			
Blubber	NM8B269	108.2	115.1			7 Mar 01

ADDITIONAL SAMPLES COLLECTED:

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-025	MH-98-434La	30 Jan 1998	Stranding		Wellfleet, MA	41°55/70°04
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	220		47	104	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L270	137.3	131.5			
Kidney	NM8K271	140.5	154.6			
Blubber	NM8B272	105.4	81.1			5 Oct 00
ADDITIONAL SAMPLES COLLECTED:						
Field Number - yellow 15 Stomach to NMFS						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-026	MH-98-448La	30 Jan 1998	Stranding		Wellfleet, MA	41°55/70°02
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	235			120	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L273	1191.	126.3			
Kidney	NM8K274	104.5	116.5			
Blubber	NM8B275	113.3	135.8			27 Sep 00
ADDITIONAL SAMPLES COLLECTED:						
Field Number - white 548 Stomach to NMFS						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-027	MH-98-440La	31 Jan 1998	Stranding		Wellfleet, MA	41°54/70°01
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	244		63	124	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L276	138.1	126.5			19 Sep 01
Kidney	NM8K277	117.8	122.6			
Blubber	NM8B278	81.0	67.2			2 Oct 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - yellow 238
Stomach to NMFS
Histology to NEA, AFIP

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-028	MH-98-413La	29 Jan 1998	Stranding		Wellfleet, MA	41°53/70°01
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	223		52	118	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L282	158.8	143.8		Yes	
Kidney	NM8K283	140.3	131.6		Yes	
Blubber	NM8B284	120.3	121.8			2 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Field Number - Orange 5, WHOI 98-003
Stomach to NMFS
Histology to NEA, WHOI, AFIP

WHITE-SIDED DOLPHIN ***(Lagenorhynchus acutus)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-029	MH98-600La	7 Apr 98	Stranding		Wellfleet, MA	41°54.770/69°59.356
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	233		64	143	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L304	134.9	149.9			
Kidney	NM8K305	124.4	166.8			
Blubber	NM8B306	116.8	166.1			6 Apr 01
ADDITIONAL SAMPLES COLLECTED:						
Histology to NEA						

WHITE-SIDED DOLPHIN ***(Lagenorhynchus acutus)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-030	MH-98-800La	27 Nov 1998	Stranding		Chipman's cove, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	230	163.8	64	120	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L357	181.4	178.3		Yes	
Kidney	NM9K358	181.4	171.2		Yes	
Blubber	NM9B359	137.5	156.2			27 Nov 00
ADDITIONAL SAMPLES COLLECTED:						
Field Number - White tag # 599 Histology to NEA						

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-031	MH98-801La	27 Nov 98	Stranding		Chipman's Cove, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	222	138.3	60	106	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L360	159.6	170.0		Yes	
Kidney	NM9K361	169.8	175.8		Yes	
Blubber	NM9B362	121.6	129.8			9 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Histology to NEA

WHITE-SIDED DOLPHIN *(Lagenorhynchus acutus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-032	MH-98-803La	27 Nov 1998	Stranding		Great Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	197	136.1	48	106	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L363	169.2	175.7		Yes	
Kidney	NM9K364	180.3	184.1		Yes	
Blubber	NM9B365	125.0	116.7			29 Sep 00

ADDITIONAL SAMPLES COLLECTED:

Histology to NEA

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-033	MH-99-538La	19 Mar 99	Mass stranding		Wellfleet, MA	41°53.65'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	225	170.1	55	102	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L020C	113.18	158.90			
Kidney	NM10K021C	162.78	117.35			
Blubber	NM10B022C	148.39	130.97			6 Dec 00

ADDITIONAL SAMPLES COLLECTED:

Histology to AFIP
DNA, pest, teeth to NEA

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-034	MH-99-540La	19 Mar 99	Mass stranding		Wellfleet, MA	41°53.65'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	271	158.76	57	118	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L023C	104.76	135.16			16 Feb 01
Kidney	NM10K024C	127.30	90.84			
Blubber	NM10B025C	151.85	93.07			27 Feb 01

ADDITIONAL SAMPLES COLLECTED:

Histology to AFIP
DNA, pest, teeth to NEA
White 286

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-035	MH-99-539La	19 Mar 99	Mass stranding		Wellfleet, MA	41°53.65'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	193	170.0	50	106	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L026C	99.62	132.45			20 Feb 01
Kidney	NM10K027C	112.3	139.50			
Blubber	NM10B028C	127.32	71.10			4 Dec 00
ADDITIONAL SAMPLES COLLECTED:						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-036	MH-99-531La	19 Mar 99	Mass stranding		Wellfleet, MA	41°53.65'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	150	79.38	17	90	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L035C	99.8	114.92	126.19		21 Feb 01
Kidney	NM10K036C	71.01	87.08	95.79		
Blubber	NM10B037C	119.26	75.69	109.24		13 Dec 00
ADDITIONAL SAMPLES COLLECTED:						
Histology to AFIP DNA, pest, teeth to NEA						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-037	MH-99-486La	6 Mar 99	Stranding		Chipmans Cove, MA	41°55.87'/70°01.55'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	233	158.76	60	115	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L038C	105.5	124.84			23 Feb 01
Kidney	NM10K039C	135.93	159.71			
Blubber	NM10B040C	183.31	176.09			9 Mar 01
ADDITIONAL SAMPLES COLLECTED:						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-038	MH-99-471La	6 Mar 99	Stranding		Chipmans Cove, MA	41°55.87'/70°01.55'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		230	158.76	59	115	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L041C	180.18	157.93			
Kidney	NM10K042C	179.39	168.03			
Blubber	NM10B043C	125.23	111.14			8 Dec 00
ADDITIONAL SAMPLES COLLECTED:						
Histology to AFIP						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-039	MH-99-487La	6 Mar 99	Stranding		Chipmans Cove, MA	41°55.87'/70°01.55'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	224	147.42	55	119	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L044C	155.45	167.3			12 Mar 01
Kidney	NM10K045C	172.16	153.9			
Blubber	NM10B046C	135.19	139.51			21 Nov 00
ADDITIONAL SAMPLES COLLECTED:						
Histology taken for NEA						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-040	MH-99-743La	4 Nov 99	Stranding		Popham Beach, Phippsburg, ME	43°44.78'/69°46.63'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	256	210.9	65	122	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L081C	162.81	146.29		Yes	13 Mar 01
Kidney	NM10K082C	164.03	169.16		Yes	
Blubber	NM10B083C	140.02	156.81		Yes	6 Mar 01
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, heart, intestine, pancreas, brain stem, skin for histology to NEA Tooth for aging to NEA						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-041	MH-99-536La	19 Mar 99	Mass Stranding		Harriy Cove, Wellfleet, MA	41°55.841'/70°03.887'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	205		42	106	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES A (g)	WEIGHT OF SUBSAMPLES B (g)		HISTOLOGY	SAMPLE HOMOGENIZED
Liver	NM10L099C	158.86	166.48		Yes	14 Mar 01
Kidney	NM10K100C	157.89	158.45		Yes	
Blubber	NM10B101C	137.75	133.13			17 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, stomach, heart, intestine, pancreas, testes, spleen for histology to NEA/AFIP/WHOI
Tooth for aging to NEA
Skin for DNA to NEA/AFIP/WHOI

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-042	MH-99-537La	19 Mar 99	Mass Stranding		Wellfleet, MA	41°55.796'/70°02.535'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	187		43	106	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES A (g)	WEIGHT OF SUBSAMPLES B (g)		HISTOLOGY	SAMPLE HOMOGENIZED
Liver	NM10L102C	162.21	167.89		Yes	2 Apr 01
Kidney	NM10K103C	145.04	150.9		Yes	
Blubber	NM10B104C	128.64	138.25			4 Dec 00

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, stomach, heart, intestine, pancreas, ovary, spleen for histology to NEA/AFIP/WHOI
Tooth for aging to NEA

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-043	MH-99-519La	19 Mar 99	Mass Stranding		Wellfleet, MA	41°55.796'/70°02.535'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	225		60	112	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM10L105C	153.92	132.19		Yes	26 Feb 01
Kidney	NM10K106C	123.31	129.11	148.86	Yes	
Blubber	NM10B107C	84.21	91.18	146.04		23 Feb 01

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging
Skin for DNA

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-044	MH-99-520La	19 Mar 99	Mass Stranding		Wellfleet, MA	41°54.799'/69°59.324'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	243		64	132	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L136C	109.84	148.14	158.27	Yes	27 Feb 01
Kidney	NM11K137C	81.6	148.72	109.27	Yes	
Blubber	NM11B138C	120.31	126.69	160.86		18 Dec 00

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, muscle, stomach, heart, intestine, pancreas, skin for histology to NEA and M. Moore (WHOI)
Tooth for aging to NEA
Field Numbers: Yellow 67; CCSN #99-072

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-045	MH-99-518La	19 Mar 99	Mass Stranding		Wellfleet, MA	41°54.799'/69°59.324'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	260		61	125	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L139C	108.69	119.15	126.9	Yes	28 Feb 01
Kidney	NM11K140C	86.29	104.75	105.44	Yes	
Blubber	NM11B141C	96.82	108.67	98.09		30 Nov 00

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin and lymph nodes for histology to NEA
Tooth for aging to NEA
Field Numbers: Yellow 53; CCSN #99-070

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-046	MH-00-724La	25 Aug 00	Mass Stranding		Wellfleet, MA	41°55.831'/70°03.919'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	247		60	62 x 2	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L181C	165.28	165.15		Yes	3 Apr 01
Kidney	NM11K182C	150.94	141.74		Yes	
Blubber	NM11B183C	125.59	112.57			4 Apr 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin and lymph nodes for histology to NEA-TAMU
Tooth for aging to NEA
Field Number: W825-1

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-047	MH-00-725La	25 Aug 00	Mass Stranding		Wellfleet, MA	41°55.831'/70°03.919'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult (young)	237		32 x 2	65 x 2	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L184C	148.49	175.45		Yes	4 Apr 01
Kidney	NM11K185C	174.42	176.56		Yes	
Blubber	NM11B186C	90.42	127.7		Yes	8 Dec 00

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin and lymph nodes for histology to NEA-TAMU
Tooth for aging to NEA
Field Number: W825-2

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-048	MH-00-726La	26 Aug 00	Mass Stranding		Wellfleet, MA	41°55.831'/70°03.919'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	249		35 x 2	70 x 2	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L187C	168.56	167.52		Yes	5 Apr 01
Kidney	NM11K188C	174.84	175.26		Yes	
Blubber	NM11B189C	129.88	125.18		Yes	2 Mar 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin and lymph nodes for histology to NEA-TAMU
Tooth for aging to NEA
Field Number: W825-5

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-049	MH-00-727La	25 Aug 00	Mass Stranding		Wellfleet, MA	41°55.831'/70°03.919'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	257		37 x 2	69 x 2	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES		C (g)	HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L190C	162.25	171.39		Yes	9 Apr 01
Kidney	NM11K191C	151.13	148.78		Yes	
Blubber	NM11B192C	90.06	121.18		Yes	21 Mar 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin and lymph nodes for histology to NEA-TAMU
Tooth for aging to NEA
Field Number: W825-6

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-050	MH-00-531La	11 Apr 00	Mass Stranding		Wellfleet, MA	41°56.00'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	226		55	116	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES		C (g)	HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L193C	181.43	176.8		Yes	9 Apr 01
Kidney	NM11K194C	163.75	158.89		Yes	
Blubber	NM11B195C	116.77	112.23		Yes	29 Mar 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph node (thoracic, mesenteric), large and small penis lesion, bladder, spleen, left testis, epididymis for histology to WHOI-NEA
Skeleton for aging to WHOI
Skin for DNA to K. Amaral
Dorsal fin to G. Early (NEA)
Field Number: CCSN-00-068
Tooth for aging to WHOI - sent to NIST-Charleston for analysis

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-051	MH-00-532La	11 Apr 00	Mass Stranding		Wellfleet, MA	41°56.00'/70°01.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	206		49.5	111	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L196C	189.82	163.04		Yes	1 Mar 01
Kidney	NM11K197C	123.85	119.5		Yes	
Blubber	NM11B198C	109.84	118.46		Yes	12 Mar 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph node (thoracic, mesenteric), spleen, reproductive tract for histology to WHOI-NEA
Tooth for aging to WHOI, sent to NIST-Charleston for analysis
Skin for DNA to K. Amaral
Field Number: CCSN-00-069

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-052	MH-99-521La	19 Mar 99	Mass Stranding		Wellfleet, MA	41°55.796'/70°02.535'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		189		44	102	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L208C	170.96	100.99		Yes	10 Apr 01
Kidney	NM11K209C	160.64	112.13		Yes	
Blubber	NM11B210C	123.46	135.28		Yes	14 Mar 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph nodes, skin for histology to NEA
Field Number: Yellow 91

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-053	MH-99-522La	19 Mar 99	Mass Stranding		Wellfleet, MA	41°55.796'/70°02.535'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Young Adult	194		19	100	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM11L211C	177.03	164.22		Yes	12 Apr 01
Kidney	NM11K212C	166.47	164.92		Yes	
Blubber	NM11B213C	128.44	120.44			19 Mar 01

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, heart, pancreas, brain stem, lymph nodes for histology to NEA
Skin for DNA to NEA
Field Number: Yellow 99

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-054	MH-02-500La	5 Mar 02	Mass Stranding		Chequesssett Neck, Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		192		48	105	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L369C	187.0	181.0		Yes	
Kidney	NM13K370C	169.0	170.0		Yes	
Blubber	NM13B371C	167.0	156.0		Yes	23 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin for histology to CCSN
Stomach to Jim Craddock (WHOI)

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-055	MH-02-501La	5 Mar 02	Mass Stranding		Great Island, Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		203		56	106	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver					Yes	
Kidney					Yes	
Blubber	NM13B372C	164.0	153.0		Yes	27 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes for histology to CCSN
Stomach to Jim Craddock (WHOI)

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-056	MH-02-503La	5 Mar 02	Mass Stranding		Lieutants Island, Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		197		54	107	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L373C	165.0			Yes	
Kidney					Yes	
Blubber	NM13B374C	150.0	165.0		Yes	28 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes for histology to CCSN
Stomach to Jim Craddock (WHOI)

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-057	MH-02-549La	16 Mar 02	Mass Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		213		59	99	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L378C	177.0	188.0		Yes	
Kidney	NM13K379C	154.0	170.0		Yes	
Blubber	NM13B380C	156.0	156.0		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, for histology to CCSN and WHOI						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-057	MH-02-548La	16 Mar 02	Mass Stranding		Powers Landing, Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		249		17	118	1.61
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L381C	181.0	183.0		Yes	
Kidney	NM13K382C	170.0	164.0		Yes	
Blubber	NM13B383C	171.0	183.0		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to CCSN and WHOI Stomach to Jim Craddock (WHOI)						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-059	MH-02-551La	16 Mar 02	Mass Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		212.5		51	112	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L384C	190.0	161.0		Yes	
Kidney	NM13K385C	168.0	154.0		Yes	
Blubber	NM13B386C	161.0	164.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, stomach, heart, intestine, pancreas, brain stem, skin for histology to CCSN and WHOI

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-060	MH-02-547La	17 Mar 02	Mass Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		212		54.3	106.0	13.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L387C	190.0	162.0		Yes	
Kidney	NM13K388C	182.0	174.0		Yes	
Blubber	NM13B389C	174.0	165.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to CCSN and WHOI
Stomach to Jim Craddock (WHOI)

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-061	MH-02-545La	17 Mar 02	Mass Stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		205		44.0	106.0	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L390C	168.0	181.0		Yes	
Kidney	NM13K391C	161.0	158.0		Yes	
Blubber	NM13B392C	168.0	147.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to CCSN and WHOI
Stomach to Jim Craddock (WHOI)

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-062	MH-02-571La	24 Mar 02	Mass Stranding		Provincetown, MA	42.03.25'/70°10.59'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	222	127.7	55.0	102.2	0.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L396C	182.0	177.0		Yes	
Kidney	NM13K397C	168.0	175.0		Yes	
Blubber	NM13B398C	142.0	159.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (colon, mesenteric, lung) for histology

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-063	MH-01-662La	13 Apr 01	Mass Stranding		Fresh Brook, Wellfleet, MA	41°89.145'/69°99.336'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		202				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES		C (g)	HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L417C	162.76	162.55		Yes	
Kidney	NM13K418C	178.29	173.47		Yes	
Blubber	NM13B419C	114.72	116.08		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain, skin, lymph nodes (mesenteric, scapular), esophagus, trachea, diaphragm, spleen, bladder, gonads, skeleton for histology to Wenzel (WHOI) and NEA
Stomach collected for analysis

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-064	MH-01-663La	13 Apr 01	Mass Stranding		Wellfleet, MA	41°89.145'/69°99.336'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	207				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES		C (g)	HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L420C	140.08	161.79		Yes	
Kidney	NM13K421C	169.58	168.62		Yes	
Blubber	NM13B422C	146.32	123.94		Yes	20 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain, skin, lymph nodes (mesenteric, scapular), oralmucosa, esophagus, Trachea, diaphragm, spleen, gonads, teeth for histology to Wenzel (WHOI) and NEA

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-065	MH-01-664La	13 Apr 01	Mass Stranding		Wellfleet, MA	41°89.145'/69°99.336'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	237		62.0	116.0	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L423C	141.85	171.38		Yes	
Kidney	NM13K424C	178.04	179.37		Yes	
Blubber	NM13B425C	136.14	127.15		Yes	22 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain, skin, lymph nodes (mesenteric, scapular) for histology

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-066	MH-01-665La	13 Apr 01	Mass Stranding		Wellfleet, MA	41°89.145'/69°99.336'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	256		68.0	130.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM13L426C	176.4	161.38		Yes	
Kidney	NM13K427C	147.8	163.08		Yes	
Blubber	NM13B428C	108.84	152.78		Yes	16 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes (mesenteric, scapular) for histology

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-067	DMB008	26 Apr 04	Single Stranding		Mile marker 20/21, NC	36.49674 / 75.85654
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Calf	164		36.0	81.0	.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L586C	120.0	95.0		Yes	
Kidney	NM15K587C	86.0	88.0		Yes	
Blubber	NM15B588C	106.0	104.0		Yes	15 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, pancreas, spleen, blubber, adrenals, thymus, brain, colon, heart, thyroid, intestine, skin, bladder, lymph nodes (prescapular, colonic, inguinal, lung) for histology

Diaphragm, scalenes, epaxial muscle, sternohyoid, blubber for scientific research

Skeleton saved

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-068	CCSN-03-064La	13 Apr 03	Stranding		Lieutenant Isl., Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	223.0		66.0	106.8	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L661C	150.0	150.0		Yes	
Kidney	NM15K662C	150.0	150.0		Yes	
Blubber	NM15B663C	133.0	148.0		Yes	30 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin for histology to CCSN

Stomach for CCSN

NEA 03-451La

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-069	1054	13 Apr 03	Stranding			
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		208.0	163.3	53.0	118.0	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L664C	149.6	150.0		Yes	
Kidney	NM15K665C	150.0	140.0		Yes	-
Blubber	NM15B666C	150.5	150.0		Yes	14 Oct 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (scapular) for histology to CCSN
Stomach to CCSN
NEA-03-453La

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-070	CCSN03-074La	15 Apr 03	Stranding		Ellis Landing, Brewster, MA	41°46.57'/70°03.26'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	258.0	183.7	64.0	124.0	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L667C	169.0	161.0		Yes	
Kidney	NM15K668C	149.6	166.0		Yes	
Blubber	NM15B669C	132.0	140.0		Yes	12 Sep 05

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to CCSN
Stomach to CCSN
NEA03-457La

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-071	MH-03-471La	5 May 03	Stranding			
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		168.4	44.0	36.0	78.8	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L670C	150.2	151.7		Yes	
Kidney	NM15K671C	129.0	135.7		Yes	
Blubber	NM15B672C	146.1	149.5		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (sub-scapular) for histology to CCSN Stomach to CCSN						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-072	MH-03-438La	15 Apr 03	Euthanized		Nahant, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2-3 years	157.0	137.7	38.0	82.4	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L691C	150.0	150.3		Yes	
Kidney	NM15K692C	140.6	138.3		Yes	
Blubber	NM15B693C	149.5	150.3		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, uterus, mammary tissue, eye, lymph nodes (scapular) for histology Stomach to B. Rubenstein (NEA)						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-073	CCSN-03-071La	15 Apr 03	Euthanized		Lieutenants Island, Wellfleet, MA	41.900833°/70.005278°
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	219.0	102.1	50.0	104.0	0.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM15L694C	169.0	171.0		Yes	
Kidney	NM15K695C	173.0	170.0		Yes	
Blubber	NM15B696C	131.0	141.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, esophagus, trachea, diaphragm, spleen, uterus, mammary gland, lymph nodes (scapular, mesenteric) for histology to CCSN
Stomach to B. Rubenstein (NEA)

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-074	05-037-La	16 Feb 05	Mass Stranding (Euthanized)		Wellfleet, MA	41.600400/70.441750
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	211.0	125	52.0	106.5	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L743C	165	176		Yes	
Kidney	NM16K744C	154	156		Yes	
Blubber	NM16B745C	157	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, stomach, brain, colon, heart, muscle, intestine, skin, esophagus, diaphragm, bladder, uterus, ovary, lymph nodes (mesenteric, tracheobronchial) for histology to CCSN
Teeth, skin, repro tract, ovaries, stomach to CCSN
Blubber, liver, brain to WHOI
Skull to T. French

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-075	05-038-La	16 Feb 05	Mass Stranding (Euthanized)		Wellfleet, MA	41.600400/70.441750
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	208.4	124.7	50.3	107.6	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L746C	169	165		Yes	
Kidney	NM16K747C	158	167		Yes	
Blubber	NM16B748C	151	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, stomach, brain, colon, heart, muscle, intestine, skin, esophagus, lymph nodes (mesenteric, tracheobronchial, abdonina) for histology to CCSN

Teeth (z), skin (DMSO), repro tract (f), mammary tissue (f), ovaries (f), parasites (ETOH), stomach (z) to CCSN

Blubber, liver, brain to WHOI

Skull to T. French

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-076	05-039-La	16 Feb 05	Mass Stranding (Euthanized)		Wellfleet, MA	41.600400/70.441750
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	211.0	147.4	52.8	113.8	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L749C	163	174		Yes	
Kidney	NM16K750C	153	151		Yes	
Blubber	NM16B751C	150	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, stomach, brain, colon, heart, muscle, intestine, skin, esophagus, diaphragm, ovaries, umbilical cord, lymph nodes (prescapular, tracheobronchial) for histology to CCSN

Teeth (z), skin (DMSO), repro tract (f), ovaries (f), stomach (z) to CCSN

Blubber, liver, brain (all f) and histology samples to WHOI

Skull to T. French

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-077	05-232-La	04 Oct 05	Mass Stranding		Orleans, MA	41.600400/70.441750
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	subadult	185.5	77.11	49.0	89	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L815C	168	176		Yes	
Kidney	NM16K816C	151	152		Yes	
Blubber	NM16B817C	151	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, colon, heart, muscle, intestine, skin, esophagus, bladder, lymph nodes (prescapular,axillary, hilar, mesenteric) for histology to CCSN

Teeth, skin, skull, ovaries to CCSN

Blubber, liver, brain and histology samples to E. Montie (WHOI)

Skull to T. French

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-078	DO 5332	08 March 05	Incidental Take, fisheries		MA	42.3g .6, 06g. 41.8
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	subadult	183.5	175	49	100.5	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L851C	150	150		Yes	
Kidney	NM16K852C	150	150		Yes	
Blubber	NM16B853C	150	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Skin, blubber, muscle, liver, kidney (l), lung (l&r), spleen, esophagus, heart, diaphragm, testislymph nodes (tracheobronchial, prescapluar, adrenal) for histology to CCSN

Teeth, skin to CCSN

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-079	DO 5619 La	11 Mar 05	Incidental Take, fisheries		STAT Area 522, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	239	350	62	117	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L854C	185	150		Yes	
Kidney	NM16K855C	150	150		Yes	
Blubber	NM16B856C	150	150		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Skin and whole stomach to NOAA/NEFSC Entire skeleton to CCSN Blubber, liver, kidney,. muscle						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-080	DO 6465	1 Mar 05	Incidental Take, fisheries		Trip # D35006, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	185			102	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L863C	150	150			
Kidney	NM16K864C	150	150			
Blubber	NM16B865C	150	150			
ADDITIONAL SAMPLES COLLECTED:						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-081	DO 6466	1 Mar 05	Incidental Take, fisheries		Trip # D35006, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	197	247		104	1.65
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L866C	150	150			
Kidney	NM16K867C	150	150			
Blubber	NM16B868C	150	150			
ADDITIONAL SAMPLES COLLECTED:						

WHITE-SIDED DOLPHIN (*Lagenorhynchus acutus*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
La-082	CCSN-05-254 La	16 Nov 05	Single		Barnstable, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	270	370	63.4	107	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)	C (g)		
Liver	NM16L881C	178.71	174.56		Yes	
Kidney	NM16K882C	169.92	164.52		Yes	
Blubber	NM16B883C	154.29	161.26		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, muscle, spleen, colon, esophagus, lymph nodes (prescapluar, mesenteric, tracheobronchial) for histology OHHI sample collection Teeth, skin, parasites in nasal sinus and small intestine Blubber, muscle, liver, and kidney for toxicology						

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-001	RTDL-001	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	0.8 ((GLG))	A (g)		44	95	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L678	149.0	147.6			20 Mar 98
Kidney	NM8K679	129.0	113.4		Yes	17 Feb 98
Blubber	NM8B680	79.7	77.5			28 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-33
Adrenal, kidney, aorta, duodenum, pancreas, lung, stomach, colon for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to Charlie Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-002	RTDL-002	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	10 ((GLG))	229		56	113	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L681	146.8	144.4		Yes	24 Mar 98
Kidney	NM8K682	146.8	141.4		Yes	18 Feb 98
Blubber	NM8B683	121.9	140.9			30 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-23
Adrenal, liver, kidney, heart, pancreas, spleen, lung for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Melon, muscle to J. Stein (NWFSC Seattle)
Stomach to HSWRI

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-003	RTDL-003	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	29+ ((GLG))	235			120	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L684	154.7	127.7		Yes	24 Mar 98
Kidney	NM8K685	116.1	141.6			20 Feb 98
Blubber	NM8B686	66.8	93.3			2 Feb 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-03
Adrenal, liver, perirenal lymph nodes, pancreas, spleen for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-004	RTDL-004	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3 ((GLG))	199		48	88	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L687	139.8	148.1			27 Mar 98
Kidney	NM8K688	122.1	125.2		Yes	23 Feb 98
Blubber	NM8B689	75.4	76.5			5 Feb 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-19
Pancreas, kidneys, testicles, spleen, bladder, mesenteric lymph nodes, stomach, duodenum, pre-scapular lymph nodes, lung, associated lung lymph nodes for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-005	RTDL-005	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Na ((GLG))	235		63	126	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L690	143.7	135.8		Yes	30 Mar 98
Kidney	NM8K691	107.3	117.7		Yes	25 Feb 98
Blubber	NM8B692	115.9	105.9			6 Feb 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-16
Liver, testes, kidneys for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) NMFS - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-006	RTDL-006	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4.5 ((GLG))	207		51	97	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L693	157.7	172.8		Yes	1 Apr 98
Kidney	NM8K694	115.6	138.7		Yes	27 Feb 98
Blubber	NM8B695	54.5	69.1			9 Feb 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-32
Adrenal, spleen, lungs & lymph nodes, liver, kidney, aorta for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-007	RTDL-007	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Na ((GLG))	241.3		23	116	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L696	162.6	151.0		Yes	3 Apr 98
Kidney	NM8K697	111.8	121.7		Yes	3 Mar 98
Blubber	NM8B698	73.0	89.6			11 Feb 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-05
Adrenal, liver, kidney, pulmonary artery, pancreas, spleen, lung, aorta, stomach for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Fetus , skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-009	RTDL-009	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	22 ((GLG))	221		58.5	108	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L699	154.8	157.5		Yes	6 Apr 98
Kidney	NM8K700	135.8	130.3		Yes	5 Mar 98
Blubber	NM8B701	104.7	107.1			13 Feb 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW 97SB-34
Adrenal, liver, kidney, mesenteric lymph nodes, pancreas, spleen, bladder, lung, aorta, colon, duodenum for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-009	RTDL-009	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	7.5 ((GLG))	228		56	114	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L702	146.7	143.2			7 Apr 98
Kidney	NM8K703	154.5	149.3		Yes	7 Mar 98
Blubber	NM8B704	99.3	94.7			12 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-02
Adrenal, spleen, kidney, lung lymph nodes, pancreas, bladder, ovaries for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-010	RTDL-010	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Na ((GLG))	209		55	102	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L705	151.8	151.3		Yes	8 Apr 98
Kidney	NM8K706	127.5	137.1		Yes	9 Mar 98
Blubber	NM8B707	90.1	100.7			14 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-01
Liver, lung, kidney, aorta for histology to R. Ewing (NMFS Miami)
Teeth for age determination to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-011	RTDL-011	15 Dec 97	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	3.5 ((GLG))	201.9		47	100	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L708	162.2	147.0			15 Apr 98
Kidney	NM8K709	147.4	126.3		Yes	10 Mar 98
Blubber	NM8B710	90.8	110.3			20 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-06
Adrenal, spleen, bladder, pulmonary lymph nodes, pancreas, kidney, ovaries, lung, heart, stomach for histology to NMFS Miami Lab Ruth Ewing
Teeth for age determination to NMFS Miami Lab Ruth Ewing - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-012	RTDL-012	15 Dec 1997	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	0.5 ((GLG))	135.9		35	226.1	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L711	155.7	172.0		Yes	16 Apr 98
Kidney	NM8K712	144.1	126.3			11 Mar 98
Blubber	NM8B713	84.7	108.0			16 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-29
Lung, liver, adrenal, bladder, thymus, testes, pancreas, stomach for histology to R. Ewing (NMFS Miami)
Teeth to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-013	RTDL-013	15 Dec 1997	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	42 ((GLG))	251.5		65.4	345.4	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L714	132.2	143.2		Yes	17 Apr 98
Kidney	NM8K715	125.0	121.1		Yes	13 Mar 98
Blubber	NM8B716	130.4	110.1			21 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW 97SB-30

Adrenal, liver, ovary, lung, pancreas, kidney, pulmonary artery, stomach, pulmonary lymph nodes for histology to R. Ewing (NMFS Miami)

Teeth to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000

Head to C. Potter (Smithsonian)

Skin, reproductive organs to W. McFee (NOS/CCEHBR)

Stomach to HSWRI

Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-014	RTDL-014	15 Dec 1997	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2.5 ((GLG))	58.4		41.9	266.7	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L717	141.3	144.6			20 Apr 98
Kidney	NM8K718	130.4	141.7		Yes	16 Mar 98
Blubber	NM8B719	119.5	131.7			23 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-07

Pancreas, spleen, kidney, left ventricle, lung, diaphragm, trachea, colon, intestines, stomach, thymus to R. Ewing (NMFS Miami)

Teeth to R. Ewing (NMFS Miami) - Megan Stolen (HSWRI) aged tooth in 2000

Head to C. Potter (Smithsonian)

Skin, reproductive organs to W. McFee (NOS/CCEHBR)

Stomach to HSWRI

Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-015	RTDL-015	15 Dec 1997	Stranding		St Joseph's State Park, FL	29°45.2/85°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4 ((GLG))	176.5		38.7	228.6	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L720	163.6	160.7		Yes	22 Apr 98
Kidney	NM8K721	141.4	118.7		Yes	17 Mar 98
Blubber	NM8B722	94.7	64.6			27 Jan 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-83
Pancreas, bile duct, kidney, aorta, liver, spleen, lung, stomach to R. Ewing (NMFS Miami)
Teeth to R. Ewing (NMFS Miami - Megan Stolen (HSWRI) aged tooth in 2000
Head to C. Potter (Smithsonian)
Skin, reproductive organs to W. McFee (NOS/CCEHBR)
Stomach to HSWRI
Melon, muscle to J. Stein (NWFSC Seattle)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-016	RTDL-016	16 Dec 1997	Stranding		Gulf of Mexico, Port St Joe	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		229		52	115	0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L723		35			18 May 98
Kidney	NM8K724		35			12 May 98

ADDITIONAL SAMPLES COLLECTED:

Field No. - GW97SB10

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-017	RTDL-017	16 Dec 1997	Stranding		Gulf of Mexico, Port St Joe	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		247		60	120	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L725		99			19 May 98
Kidney	NM8K726		94			13 May 98

ADDITIONAL SAMPLES COLLECTED:

Field No - GW97SB-27

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-018	GW01006D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	223		54.8	105.6	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L291C	140.3	148.1		Yes	
Kidney	NM12K292C	136.2	143.7		Yes	
Blubber	NM12B293C	121.2	114.2			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, muscle, stomach, heart, intestine, pancreas, lymph node (lung), mammary gland, colon, trachea, thymus taken for histology to R. Ewing (NMFS Miami)
Skull/teeth taken for aging to NMFS Miami
Kidney, lung, trachea, oropharynx, pulmonary artery, heart, liver, pancreas, small intestine, tongue and frenulum, spleen, thymus, pharyngeal lymphoid tissue, skeletal muscle for viralology to Rebecca Brudek (FSU)
Muscle for biotoxicology
Skin for DNA analysis
Lung for brevitoxicology to P. Rosel, Carter (NOS/CCEHBR)
Blood, vitreous, milk, bacteria lung culture, and stomach to R. Ewing (NMFS-Miami)
Muscle to D. Duffield (Portland State) and N. Barios (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-019	GW01002D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		230		55	118.4	0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L294C	155.8	155.8		Yes	
Kidney	NM12K295C	129.7	126		Yes	
Blubber	NM12B296C	120.3	111.9			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, heart, pancreas, lymph node (lung), spleen, trachea, thymus, pancreas taken for histology to R. Ewing (NMFS-Miami)

Skull/teeth taken for aging to NMFS-Miami

Cerebrum, cerebellum, oropharynx and tonsil, tongue and frenulum, spleen, laryngeal mucosa, kidney, lung, lung lymph node, liver, aorta, pancreas, thymus, heart, pulmonary artery for viralology to Rebecca Brudek (FSU)

Muscle for biotoxicology , skin for DNA analysis to P. Rosel, Carter (NOS/CCEHBR)

Blood, vitreous, urine, stomach to R. Ewing (NMFS-Miami)

Muscle and blood to D. Duffield (Portland State)

Muscle to N. Barios (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-020	GW01007D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		253		60.6	124.4	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L297C	145.7	136.8		Yes	
Kidney	NM12K298C	129.9	133.9		Yes	
Blubber	NM12B299C	110.6	115.7			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, heart, intestine, pancreas, lymph node (mesenteric) taken for histology to NMFS-Miami (R. Ewing)

Skull/teeth taken for aging to NMFS-Miami

Spleen, small and large intestine, pancreas, mesenteric lymph node, kidney, adrenal, heart for viralology to FSU (Rebecca Brudek)

Muscle for biotoxicology , skin for DNA analysis to NOS/CCEHBR (Rosel, Carter)

Blood, vitreous, stomach to NMFS-Miami (R. Ewing)

Muscle to Portland State (D. Duffield) and MML (N. Barios)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-021	GW01005D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	242		61.2	127	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L1C300	163.6	137.6		Yes	
Kidney	NM12K301C	123.4	135.8		Yes	
Blubber	NM12B302C	121.5	114.5			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, muscle, heart, intestine, pancreas, lymph node (lung, mesenteric, periaortic), spleen taken for histology to R. Ewing (NMFS-Miami)
Skull/teeth taken for aging to NMFS-Miami
Cerebrum, cerebellum, laryngeal mucosa, heart, aorta, pulmonary artery, periaortic lymph nodes, lung lymph nodes, pancreas, small and large intestine, spleen, liver, trachea, mesenteric lymph nodes for viralology to Rebecca Brudek (FSU)
Muscle for biotoxicology
Skin for DNA analysis to P. RoselCarter (NOS/CCEHBR)
Blood, vitreous, stomach to R. Ewing (NMFS-Miami)
Muscle to D. Duffield (Portland State) and N. Barios (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-022	GW01004D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		248		66	125	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L303C	146.2	141.8		Yes	
Kidney	NM12K304C	123.2	129.4		Yes	
Blubber	NM12B305C	105.7	116.2			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, pancreas, lymph node, spleen, trachea taken for histology to R. Ewing (NMFS-Miami)
Skull, teeth taken for aging to NMFS-Miami
Spleen, liver, heart, 1st stomach (ulcers), trachea, tongue and frenulum, thymus, skin, lesions, kidney, lung, lung lymph node, skeletal muscle, pancreas for viralology to Rebecca Brudek (FSU)
Muscle for biotoxicology , skin for DNA analysis to R. Posel, Carter (NOS/CCEHBR)
Kidney for biotoxicology, 2nd and 3rd stomach, blood, vitreous, urine to R. Ewing (NMFS-Miami)
Blood for hemoglobin, muscle to D. Duffield (Portland State)
Muscle to N. Barios (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-023	GW01001D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		241		60	124	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L306C	152.8	140.2		Yes	
Kidney	NM12K307C	129.3	134.4		Yes	
Blubber	NM12B308C	123.8	112.4			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, stomach, heart, lymph node, thyroid, trachea, thymus, urinary bladder taken for histology to R. Ewing (NMFS-Miami)
Skull, teeth taken for aging to NMFS-Miami
Cerebrum, cerebellum, lymph node (prescapular, aorta, lung), liver, laryngeal mucosa, heart, aorta, spleen, lung, trachea, kidney, thymus, tongue and frenulum, oropharynx, 3rd stomach for viralology to Rebecca Brudek (FSU)
Muscle for biotoxicology , skin for DNA analysis to P. Rosel, Carter (NOS/CCEHBR)
Liver and kidney for biotoxicology, 1st (with ulcer) and 2nd stomach, blood, to R. Ewing (NMFS-Miami)
Muscle to D. Duffield (Portland State) and N. Barios (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-024	GW01003D	3 Feb 2001	Stranding		Gulf of Mexico, Port St Joe, FL	29°51.4/85°24.7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		254		63	122	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L309C	154.0	150.7		Yes	
Kidney	NM12K310C	122.5	119.4		Yes	
Blubber	NM12B311C	121.7	136.1			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, stomach, intestine, pancreas, lymph node, spleen, thyroid, trachea, esophagus, thymus, oropharynx, testicle taken for histology to R. Ewing (NMFS-Miami)

Skull, teeth taken for aging to NMFS-Miami

Cerebrum, cerebellum, spleen, heart, thymus, aorta, oral pharyngeal, laryngeal mucosa, small and large intestine, liver, pancreas, lymph node (mesenteric, lung), kidney, lung and trachea, trachea, tongue and frenulum, for viralology to Rebecca Brudek (FSU)

Skin for DNA analysis to Rosel, Carter (NOS/CCEHBR)

Muscle for biotoxicology, stomach ulcers, 2nd stomach, 3rd stomach, blood to R. Ewing (NMFS-Miami)

Muscle to D. Duffield (Portland State) and N. Barios (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-025	HBOI-Sb-0433	7 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Calf	114.0	11.34			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L601C	99.3	91.65		Yes	
Kidney	NM15K602C	92.16			Yes	
Blubber	NM15B603C	67.2	72.53		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine,lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, thyroid, bladder, bone, bone marrow, eYes, pituitary, accessory spleen, forestomach-mainstomach and connecting stomach lining, repro. tract, diaphragm, tissue posterior to goosebeak, prescapular lympn node for histology to HSWRI

Lung, liver, kidney for cultures to SWO

Blubber to G. Worthy

Stomach to N. Barros (MML)

Blubber, muscle, liver, kidney, lung, brain, lymph node, adrenal, intestine, spleen, blood, urine for toxicology

Teeth, skin for genetics, and repro. tract to HSWRI

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-026	HBOI-Sb-0438	7 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		182.0	38.56			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L604C	160.5	151.6		Yes	
Kidney	NM15K605C	93.14	96.10		Yes	
Blubber	NM15B606C	100.51	94.22		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine,lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, thyroid, bladder, bone, bone marrow, eYes, pituitary, accessory spleen, forestomach-mainstomach and connecting stomach lining, repro. tract, diaphragm, tissue posterior to goosebeak, prescapular lympn node for histology to HSWRI
Lung, liver, kidney for cultures to SWO
Blubber to G. Worthy
Stomach to N. Barros (MML)
Blubber, muscle, liver, kidney, lung, brain, lymph node, adrenal, intestine, spleen, blood, urine for toxicology
Teeth, skin for genetics, and repro. tract to HSWRI

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-027	HBOI-Sb-0439	7 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	245.0	156.5			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L607C	158.22	163.76		Yes	
Kidney	NM15K608C	160.75	161.27		Yes	
Blubber	NM15B609C	155.3	133.41		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine,lung, pancreas, adrenals, muscle, skin, trachea, spleen, thyroid, bladder, bone, bone marrow, accessory spleen, forestomach, lining, mainstomach lining, connecting stomach lining, ureter, lympn node (prescapular, mesenteric, pleural) for histology to HSWRI
Skin for genetics to HSWRI
Blubber, muscle, liver, kidney, lung, adrenal, intestine, spleen, prescapular lymph nodes, blood, urine, whole head
Lung, liver, kidney for cultures to SWO
Blubber to G. Worthy
Stomach to N. Barros (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-028	HBOI-Sb-0411	7 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Calf	144.0	27.2			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L610C	114.01	153.79		Yes	
Kidney	NM15K611C	67.12	76.67		Yes	
Blubber	NM15B612C	88.51	93.3			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, lung, pancreas, adrenals, brain, muscle, trachea, spleen, thymus, thyroid, bladder, spinal cord, lung cyst, pituitary, skin lesion, accessory spleen, forestomach and main stomach linings, reproductive tract, diaphragm, fiberous tissue posterior to goosebeak, tubular tissue from the body wall posterior to the kidney, lympn node (mesenteric, pleural, jaw assoc. posterior to eye) for histology to HSWRI

Skin for genetics to HSWRI

Teeth/skull, reproductive tracto to HSWRI

Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, lymph nodes (mesenteric and pleural), blood, urine

Lung, liver, kidney for cultures to SWO

Blubber to G. Worthy

Stomach to N. Barros (MML)

Xenobalanus

ROUGH-TOOTHED DOLPHIN ***(Steno bredanensis)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-029	HBOI-Sb-0429	7 Aug 04	Mass Stranding		Hutchingson Island. St. Luice. FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	216.0	102.1			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L613C	151.65	148.14		Yes	
Kidney	NM15K614C	143.81	152.88		Yes	
Blubber	NM15B615C	119.0	129.03		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thyroid, esophagus, bladder, eYes, mammary, pituitary, accessory spleen, forestomach, main and connecting stomach linings, netroperitonial, clitorous, repro. Tract, diaphragm, tongue, ears, lympn node (prescapular, mesenteric, pleural) for histology to HSWRI
Skin for genetics to HSWRI
Teeth/skull to HSWRI
Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, pleural lymph nodes, blood, urine, mammary, milk
Lung, liver, kidney for cultures to SWO
Blubber to G. Worthy
Stomach to N. Barros (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-030	HBOI-Sb-0435	7 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	216.0	102.1			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L616C	147.24	157.[illegible]		Yes	
Kidney	NM15K617C	163.03	157.0		Yes	
Blubber	NM15B618C	83.08	110.89		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, thyroid, esophagus, bladder, bone, bone marrow, eYes, mammary, pituitary, accessory spleen, forestomach, main and connecting stomach linings, tongue, repro. Tract, diaphragm, lympn node (prescapular, mesenteric, pleural) for histology to HSWRI

Skin for genetics to HSWRI

Teeth/skull to HSWRI

Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, lymph nodes., blood, mammary

Lung, liver, kidney for cultures to SWO

Blubber to G. Worthy

Stomach to N. Barros (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-031	HBOI-Sb-0436	7 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	226.0	131.54			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L619C	171.99	149.76		Yes	
Kidney	NM15K620C	171.99	161.2		Yes	
Blubber	NM15B621C	90.51	101.73		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thyroid, bladder, eYes, pituitary, accessory spleen, forestomach, main and connecting stomach linings, main stomach ulcer, repro. tract, diaphragm, pericardium, puss-filled capsule, bronchi, mammary, lympn node (prescapular, pleural) for histology to HSWRI

Skin for genetics to HSWRI

Teeth/skull to HSWRI

Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, prescapular and pleural lymph nodes, amniotic fluid, mammary

Blubber to G. Worthy

Stomach to N. Barros (MML)

Teeth, skin, ears all frozen on fetus

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-032	HBOI-Sb-0437	8 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		229.0	124.74			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L622C	161.95	171.14		Yes	
Kidney	NM15K623C	161.47	146.94		Yes	
Blubber	NM15B624C	102.41	113.45		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, spleen, thymus, thyroid, bladder, spinal cord, eYes, lung lesions, pituitary, accessory spleen, forestomach, main and connecting stomach linings, testes, bronchi, tonsils, ears, tissue from around goose beak, lympn node (prescapular, pleural) for histology to HSWRI

Skin for genetics to HSWRI

Teeth/skull to HSWRI

Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, mesenteric, prescapular and pleural lymph nodes, blood, CNS fluid, sperm, urin

Blubber to G. Worthy

Stomach to N. Barros (MML)

Skeleton to HSWRI

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-033	HBOI-Sb-0428	8 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	193.0	68.04			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L625C	135.15	158.65		Yes	
Kidney	NM15K626C	133.73	147.15		Yes	
Blubber					Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, thyroid, esophagus, bladder, spinal cord, eYes, pituitary, accessory spleen, forestomach, main and connecting stomach linings, repro. Tract, diaphragm, duodenum, bronchi, tonsils, caudal pharyngel collar, base of tongue, base of larynx ears, plastic debris from stomach, lympn node (prescapular, axillary, mesenteric, pleural, pancreas associated) for histology to HSWRI
Skin for genetics to HSWRI
Teeth/skull to HSWRI
Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, mesenteric and other lymph nodes, blood, CNS fluid
Blubber to G. Worthy
Stomach to N. Barros (MML)
Skeleton to HSWRI

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-034	HBOI-Sb-0434	8 Aug 04	Mass Stranding		Hutchingson Island, St. Luice, FL	27°339483/79°766533
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		216.0	77.11			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L627C	141.22	136.97		Yes	
Kidney	NM15K628C	141.09	135.56		Yes	
Blubber					Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, thyroid, bladder, bone, bone marrow, eYes, pituitary, accessory spleen, forestomach, main and connecting stomach linings, main stomach ulcers, duodenum, repro. Tract, soft tissue around the larynx, diaphragm, tonsils, pernasal sinus, ears, lympn node (prescapular, mesenteric, pleural, lymph nodes near jaw) for histology to HSWRI
Skin for genetics to HSWRI
Teeth/skull to HSWRI
Blubber, muscle, liver, kidney, brain (1/2), lung, adrenal, intestine, spleen, prescapular lymph nodes, blood, CNS fluid
Blubber to G. Worthy
Stomach to N. Barros (MML)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-035	GW04008A	28 Sep 04	Mass Stranding		Cape San Blas, FL	29.726500/85.392333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		241.0	250.0	18.0	106.0	0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L697C	146.88	148.38		Yes	
Kidney	NM15K698C	146.34	147.63		Yes	
Blubber	NM15B699C	122.25	139.36			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, stomach, colon, heart, thyroid, intestine, esophagus, urinary bladder, tongue, diaphragm, lymph nodes (prescapular, mesenteric and pulmonary) for histology
Blubber, muscle, kidney, liver for toxicology
Lung, spleen, thymus, lymph nodes (lung associated, pre-scap), pharynx, liver, kidney, heart for virology
Serum, urine, vitreous, cerebral spinal fluid – body fluid
Lung, liver, uterus for bacterial culture swabs

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-036	GW04009A	28 Sep 04	Mass Stranding		Cape San Blas, FL	29.672667/85.359000
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		242.0	250.0	53.0	115.0	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L700C	132.25	144.85		Yes	
Kidney	NM15K701C	138.80	158.01		Yes	
Blubber	NM15B702C	119.83				

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, stomach, colon, heart, thyroid, intestine, skin, tongue, diaphragm, mammary, lymph nodes (prescapular, axillary, mesenteric and pulmonary) for histology
Blubber, muscle, kidney, liver for toxicology
Lung, spleen, thymus, pharynx, liver, kidney, pre-scap lymph nodes , heart for viralogy
Serum, urine, vitreous, cerebral spinal fluid – body fluid
Lung and CSF for bacterial culture swabs

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-037	RT 357 RED	4 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	177.0		41.0	86.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L755C	116.3	99.0		Yes	
Kidney	NM16K756C	45.7	80.7		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, thymus, stomach, colon, heart, thyroid, intestine, skin, esophagus, bladder, bronchi, diaphragm, tongue, lymph nodes (prescapular, mesenteric, pulmonary, tracheal) for histology
Plasma, skin for toxicology
Blood (whole), blubber, kidney, liver, lung, spleen, stomach contents, urine (all z) for red tide
Blubber for fatty acids
Kidney, liver, lung, lymph nodes (pulmonary, mesenteric, prescap., tracheal), skin pox with lesion, spleen, thymus for viral
Skin with muscle (z) for stable isotopes
Teeth to R. Pugh (NIST)
Stomach to N. Barros (MML)
Reproductive tissue

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-038	RT 360 RED	6 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	261.0		64.5	126.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L757C	132.9	106.8		Yes	
Kidney	NM16K758C	149.4	163.6		Yes	
Blubber	NM16B759C	135.4	136.9		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, thymus, brain, colon, heart, thyroid, intestine, esophagus, bladder, bronchi, diaphragm, ears, larynx, aorta, cervical spinal cord, pituitary, ovary fibroid, lymph nodes (prescapular, mesenteric, pulmonary) for histology

Blubber, liver, kidney, mammary gland, skin for toxicology

Aqueous humor, blubber, feces, kidney, liver, lung, bile, spleen, stomach contents for red tide

Brain, kidney, liver, lung, stomach contents, spleen, thymus for viral

Skin with muscle for stable isotopes

Teeth for aging

Skin for genetics

Mammary tissue , stomach

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-039	RT 364 RED	5 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	240.4		60.4	121.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L760C	147.8	135.5		Yes	
Kidney	NM16K761C	124.2	130.3		Yes	
Blubber	NM16B762C	133.9	120.1			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, spleen, adrenals, thymus, brain, colon, heart, thyroid, intestine, skin, esophagus, bladder, bronchi, diaphragm, ears, larynx, bone marrow, stomach wall, tongue, lymph nodes (prescapular, mesenteric, pulmonary, tracheal) for histology

Blood, blubber, liver, kidney, mammary gland, milk, skin for toxicology

Milk, urine, aqueous humor, blood, blubber, feces, kidney, liver, lung, spleen, stomach contents for red tide

Blubber for fatty acids

Lung and brain swabs for bacteria

Brain, kidney, liver, lung, spleen, thymus, lymph nodes (pulmonary, mesenteric, prescapular, tracheal) for viral

Skin with muscle for stable isotopes

Teeth for life history

Skin for genetics

Mammary tissue for NIST

Stomach and skull collected

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-040	RT 365 RED	4 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	237.0		66.4	117.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L763C	154.0	160.1		Yes	
Kidney	NM16K764C	148.0	143.6		Yes	
Blubber	NM16B765C	81.2	66.5			

ADDITIONAL SAMPLES COLLECTED:

Teeth (z) to R. Pugh/NIST

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-041	RT 365 YELLOW	4 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	244.0		62.0	119.2	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L766C	129.7	144.6		Yes	
Kidney	NM16K767C	141.9	134.7		Yes	
Blubber	NM16B768C	86.5	91.3		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, adrenals, thymus, colon, heart, thyroid, esophagus, bronchi, diaphragm, larynx, nasal pharynx, lymph nodes (prescapular, mesenteric, pulmonary, tracheal) for histology
Blubber, liver, kidney for toxicology
Blubber, feces, kidney, liver, lung, spleen, stomach for red tide
Kidney, spleen, thymus for viral
Blubber for fatty acid
Skin for genetics
Stomach

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-042	RT 370 YELLOW	5 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	249.0		66.0	110.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L769C	102.1	131.8		Yes	
Kidney						
Blubber	NM16B770C	135.0	136.6			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, thymus, stomach, colon, heart, thyroid, intestine, skin, esophagus, bladder, bronchi, diaphragm, larynx, pituitary, penis, tongue, lymph nodes (prescapular, mesenteric, pulmonary, pancreatic, lumbar, aortic, mesocolonic, retropharyngyl) for histology
Blubber, skin for toxicology
Blubber for fatty acid
Blood, blubber, feces, kidney, liver, lung, spleen, stomach contents, urine for red tide
Lung, spleen, prescapular lymph node for viral
Skin with muscle for stable isotope
Teeth (x3) for agin
Skull (whole with brain and ears)

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-043	RT 374 RED	6 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	244.0		61.0	116.8	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L771C	116.8	131.3		Yes	
Kidney	NM16K772C	115.3	109.2		Yes	
Blubber	NM16B773C	64.0	67.0			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, spleen, adrenals, thymus, stomach, brain, colon, heart, thyroid, intestine, skin, esophagus, bladder, bronchi, diaphragm, ears, pituitary gland, lymph nodes (prescapular, mesenteric, pulmonary, trach-bronchial, lumb-aortic) for histology

Mammary gland, milk, skin for toxicology

Blubber, feces, kidney, liver, lung, milk, spleen, stomach contents, urine for red tide

Brain, kidney, liver, lung, spleen, thymus, lymph nodes (pulmonary, prescapular, mesenteric) for red tide

Blubber for fatty acid

Skin with muscle for stable isotopes

Stomach wall for life history

Ovaries reproductive

Stomach ovaries and skull collected

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-044	RT 374 YELLOW	5 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	218.8		54.0	97.2	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L774C	143.9	115.9		Yes	
Kidney	NM16K775C	84.2	106.5		Yes	
Blubber	NM16B776C	124.1	82.6			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, thymus, stomach, brain, colon, heart, thyroid, intestine, skin, bladder, bronchi, diaphragm, ears, tongue, cervical spinal column, lymph nodes (prescapular, mesenteric, pulmonary, tracheal, cardiac, mesocolonic)for histology
Skin, brain, kidney, liver, lung, lymph nodes, spleen, thymus for toxicology
Blubber, feces, kidney, liver, lung, spleen, urine for red tide
Blubber for fatty acids
Skin with muscle for stable isotopes
Teeth for life history
Testes for repro.
Lung abcess for bacteriology
Stomach, teeth (x3)
Skin for genetics

ROUGH-TOOTHED DOLPHIN *(Steno bredanensis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sb-045	RT 900	6 Mar 05	Mass Stranding		Marathon Key, FL	24.919444/81.108333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	240.0		60.0	114.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L777C	148.5	146.5		Yes	
Kidney	NM16K778C	144.0	157.8		Yes	
Blubber	NM16B779C	135.6	146.4			

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, adrenals, thymus, stomach, brain, colon, heart, thyroid, intestine, skin, esophagus, bronchi, diaphragm, ears, larynx, tongue, pharangyl plaque, lymph nodes (prescapular, mesenteric, pulmonary) for histology
Blubber, kidney, liver, mammary gland, milk, skin for toxicology
Brain, kidney, liver, lung, lymph nodes (pulmonary, prescapular, mesenteric) for viral
Blubber for fatty acids
Aqueous humor, blubber, feces, kidney, liver, lung, bile, milk, stomach contents, urine for red tide
Skin with muscle for stable isotopes
Tooth for life history
Skin for genetics
Tooth (x3), mammary tissue, stomach, skull collected

STRIPED DOLPHIN *(Stenella coeruleoalba)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-001	ASF 020	11 Oct 1997	Stranding		Figure Eight Island, NC	34°15.903/77°45.000
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	18+ ((GLG))	233		52.5	78.0	0.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L209	98	84		Yes	
Kidney	NM8K210	86	110		Yes	
Blubber	NM8B211	28	27			
Muscle	NM8M212	162	146			

ADDITIONAL SAMPLES COLLECTED:

Stomach for Duke Marine Lab
Histology to UNCW
Teeth for age determination to Christine Lockyer (Age Dynamics), aged tooth in 2005

STRIPED DOLPHIN *(Stenella coeruleoalba)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-002	WAM 524	20 Nov 1997	NC Stranding Network		Coquina Beach, NC	3548'.30/7533'.000
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	153	38.6	32.5	78.5	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L217	60	88		Yes	
Kidney	NM8K218	56	56		Yes	
Blubber	NM8B219	45	45			
Muscle	NM8M220	98	45			

ADDITIONAL SAMPLES COLLECTED:

Histology to UNCW
Stomach collected
Brain tissue sent to NIST NBSB

STRIPED DOLPHIN *(Stenella coeruleoalba)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-003	MH-98-411Sc	28 Jan 1998	Stranding		Beverly, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	170	49.9	35	86	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L225	181.5	156.5		Yes	
Kidney	NM8K226	112.8	152.8		Yes	
Blubber	NM8B227	122.7	116.8			

ADDITIONAL SAMPLES COLLECTED:

Histology to NEA

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-004	MH-00-674Sc	08 Sep 00	Stranding		Kalmus Beach, Hyannis, MA	41°38.05'/70°16.67'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	233		51	108	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L202C	178.98	190.38		Yes	
Kidney	NM11K203C	183.7	142.67		Yes	
Blubber	NM11B204C	153.41	90.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, stomach, heart, intestine, pancreas, brain stem, lymph nodes for histology to WHOI/NEA
Tooth for aging to WHOI
Kidney 'A' thawed during shipment to NBSB
Field Number: CCSN-00-105

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-005	VMSM20031005	17 Feb 03	Stranding		False Cape State Park, VA	36°59794'/75°87879'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4 ((GLG))	184.0	76.0	46.0	92.0	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L504C	130.0	155.0		Yes	
Kidney	NM14K505C	123.0	117.0		Yes	
Blubber	NM14B506C	110.0	136.0		Yes	
Muscle	NM14M507C	196.0	155.0			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph nodes (prescapular) taken for histology to UNCW and NCSU-Vet

Reproductive tract collected

Stomach to UNCW

Teeth for age determination to Christine Lockyer (Age Dynamics), aged tooth in 2005

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-006	SGB 126	17 Feb 03	Stranding		Corova, NC	36°44621'/75°84272'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1.8 ((GLG))	172.0	63.0	40.0	94.0	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L508C	154.0	117.0		Yes	
Kidney	NM14K509C	77.0	82.0		Yes	
Blubber	NM14B510C	94.0	109.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph nodes (prescapular) for histology to UNCW and NCSU-Vet

Reproductive tract collected

Stomach to UNCW

Teeth for age determination to Christine Lockyer (Age Dynamics), aged tooth in 2005

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-007	ST 471SC	17 Feb 03	Stranding		Dewey, Sussex County, DE	38°36'6/75°04'00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	188.0	65.3	35.0	89.0	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L511C	128.2	139.5		Yes	
Kidney	NM14K512C	97.3	117.0		Yes	
Blubber	NM14B513C	174.2	142.6		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, muscle, heart, pancreas, lymph nodes, frozen lung section, spleen, aorta, bladder, trachea, esophagus for histology to AFIP (B. Blankenship, G. Marselas, J. Chapman)
Head, stomach and reproductive tract to C. Potter (Smithsonian)
Blubber, muscle, kidney, liver for toxicology
Lung, spleen, lymph node for Morbillivirus
Skin, stomach for life history
Lungs, liver, heart, kidney, spleen for microbiology to Suzanne Thurmann lab

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-008	ST 473SC	17 Feb 03	Stranding		Dewey, Sussex County, DE	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		155.9	39.8	31.1	78.2	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L514C	117.9	94.8		Yes	
Kidney	NM14K515C	76.1	69.6		Yes	
Blubber	NM14B516C	101.1	108.3		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, muscle, heart, lymph nodes, frozen lung section, spleen, bladder, gonads, esophagus for histology to AFIP (B. Blankenship, G. Marselas, J. Chapman)
Head, stomach and reproductive tract to C. Potter (Smithsonian)
Blubber, muscle, kidney, liver for toxicology
Microbiology swabs to Suzanne Thurmann lab
Heart blood for frozen serum sample
Diagnostic samples for microbiology and Morbillivirus

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-009	ST 475SC	17 Feb 03	Stranding		Atlantic Ocean, N. of Indian River Inlet, DE	38°38'67/75°03'00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		166.9	54.6	31.0	66.4	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L517C	182.2	184.6			
Kidney	NM14K518C	104.6	110.8			
Blubber	NM14B519C	111.0	138.3			

ADDITIONAL SAMPLES COLLECTED:

Histology to AFIP (B. Blankenship, G. Marselas, J. Chapman)
Head, stomach and reproductive tract to C. Potter (Smithsonian)
Diagnostic samples for microbiology, toxicology and Morbillivirus
Heart blood for frozen serum sample
Microbiology swabs to Suzanne Thurmanns lab

STRIPED DOLPHIN (*Stenella coeruleoalba*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-010	ST 474SC	18 Feb 03	Stranding		Atlantic Ocean, N. of Indian River Inlet, DE	38°43'96/75°04'73
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		174.0	51.2	35.4	84.2	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L520C	149.7	150.2			
Kidney	NM14K521C	91.0	94.7			
Blubber	NM14B522C	105.1	B (g)			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, muscle, lymph nodes, frozen lung section, spleen, left side lesion, esophagus for histology to AFIP (B. Blankenship, G. Marselas, J. Chapman)
Head, stomach and reproductive tract to C. Potter (Smithsonian)
Diagnostic samples taken for microbiology and Morbillivirus
Blubber, muscle, kidney, liver for toxicology
Heart blood for frozen serum sample
Lung, liver, kidney, spleen for microbiology swabs to Suzanne Thurmanns lab

DOLPHIN ***(Stenella spp.)***						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT LONG
Ss-001	SGB 114	14 Aug 1998	Stranding		Nags Head, NC	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		165.6	47.8	36	84.5	0.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L341	103	104		Yes	
Kidney	NM9K342	116	104		Yes	
Blubber	NM9B343	30	29			
Muscle	NM9M344	114	107		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Histology taken on all major systems for AFIP Brain to NIST						

RISSO'S DOLPHIN *(Grampus griseus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-001	VMSM 981045	22 Aug 1998	Stranding		Newport News, VA	36.97161°/76.40607°
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		276.3	197.6	76.5	137	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L346	119	112		Yes	
Kidney	NM9K347	99	134		Yes	
Blubber	NM9B348	91	60			
Muscle	NM9M349	142	144		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Histology taken on all major organs for AFIP Brain to NIST						

RISSO'S DOLPHIN *(Grampus griseus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-002	MH-02-621Gg	10 Apr 2002	Stranding		Long Beach, Nahont, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	287.0	254.0	78.0	143.5	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L408C	151.9	151.6		Yes	
Kidney	NM13K409C	147.5	142.2		Yes	
Blubber	NM13B410C	160.6	146.9		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (cervical, lung, mesenteric), skeleton, teeth for histology Stomach to NEA Tongue, mammary glands, genital slits, esophagus, small and large intestine, urinary bladder to NEA						

RISSO'S DOLPHIN ***(Grampus griseus)***

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-003	CCSN03-165 Gg	28 Oct 03	Stranding		489 Commercial St., Provincetown, MA	42 03.38 / 70 10.71
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	264.3	1102 +	64.0	141	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L538C	160	162		Yes	
Kidney	NM14K539C	146	148		Yes	
Blubber	NM14B540C	141	145		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (pre-scap, tracheo-bronchial and mesenteric) for histology
Stomach to CCSN

RISSO'S DOLPHIN ***(Grampus griseus)***

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-004	CCSN03-166 Gg	27 Oct 03	Stranding		489 Commercial St., Provincetown, MA	42 03.38 / 70 10.71
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Sub-adult	235.5	933	55.0	135.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L541C	176	171		Yes	
Kidney	NM14K542C	146	Na		Yes	
Blubber	NM14B543C	143	133		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (pre-scap, tracheobronchial and mesentric) for histology
Stomach to CCSN

RISSO'S DOLPHIN *(Grampus griseus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-005	CCSN03-167 Gg	27 Oct 03	Stranding		489 Commercial St., Provincetown, MA	42 03.38 / 70 10.71
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Sub-adult	217	860	12.5	124.0	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L544C	182	172		Yes	
Kidney	NM14K545C	146	152		Yes	
Blubber	NM14B546C	146	127		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, lymph nodes (pre-scap, mesentric), trachea, spleen, thymus, colon, thyroid, esophagus for histology
Stomach to NMFS

RISSO'S DOLPHIN *(Grampus griseus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-006	05-406-Gg	20 Jan 05	Stranding		Plymouth , MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/calf	213.5	112.94	49	113	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L824C	177.9	860		Yes	
Kidney	NM16K825C	153.8	157		Yes	
Blubber	NM16B826C	150.2	150.1		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, muscle, skin, trachea, spleen, colon, esophagus, lymph nodes (submandibular, hilar, mesenteric, pelvic) for histology
Teeth, skull to T. French
Skin to NEA
Stomach to NEA

RISSO'S DOLPHIN *(Grampus griseus)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-007	CCSN-05-192 Gg	03 July 05	Stranding		Hyannisport, MA	41, -70
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	281	580	75.6	148	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L842C	150	150		Yes	
Kidney	NM16K843C	150	150		Yes	
Blubber	NM16B844C	150	150		No	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, heart, intestine, lung, pancreas, adrenals, brain, muscle to CCSN						

RISSO'S DOLPHIN *(Grampus griseus)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Gg-008	CCSN-05-256 Gg	21 Nov 05	Stranding		Eastham, MA	41, -70
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	235	165	39		1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L845C	150	150		Yes	No
Kidney	NM16K846C	150	150		Yes	No
Blubber	NM16B847C	150	150		No	No
ADDITIONAL SAMPLES COLLECTED:						
OHHI sample set, NMFS samples (see attached necropsy/sample sheet)						

ATLANTIC SPOTTED DOLPHIN (*Stenella frontalis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sf-001	MMES99180SC	23 Sep 99	Stranding		N. Litchfield Beach, SC	33°29/79°05
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	113	37.2	26	61	10
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L055C	131.4	133.8		Yes	
Kidney	NM10K056C	76.1	80.1		Yes	
Blubber	NM10B057C	79.6	92.4		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (prescapular, pulmonary, mediasteinum, hylar, mesenteric), diaphragm, thymus, spleen, rectal gland, testis, bladder for histology to W. McFee (NOS/CCEHBR)
Skin for genetics to NOS/CCEHBR
Right lung for virology to NOS/CCEHBR
Blubber, muscle, liver, right and left kidney for toxicology to NOS/CCEHBR
Whole heart for biochemical analysis to NOS/CCEHBR

ATLANTIC SPOTTED DOLPHIN (*Stenella frontalis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sf-002	CCSN-03-126Sf	8 Jun 03	Stranding		Chatham, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	150.0	44.9	35.0	79.0	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L676C	150.0	151.0		Yes	
Kidney	NM15K677C	152.0	152.0		Yes	
Blubber	NM15B678C	151.0	150.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to Dr. Dan Cowan (CCSN)
Stomach for analysis

EASTERN SPINNER DOLPHIN (*Stenella longirostris orientalis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
SI-001	SJC10	20 Aug 01	Fisheries Bycatch		Eastern Tropical Pacific	10°10/98°31
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature			7.6	77.0	70
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L354C	128.0	132.0		Yes	
Kidney	NM12K355C	41.0	43.0		Yes	
Blubber	NM12B356C	77.0	75.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, stomach, heart, intestine, pancreas, lymph nodes (prescapular) for histology to NMFS/SWFSC

PANTROPICAL SPOTTED DOLPHIN (*Stenella attenuata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sa-001	SJC11	26 Sep 01	Fisheries Bycatch		Eastern Tropical Pacific	11°34/95°56
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	196	58.06	9.0	77.3	70
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L357C	72.0	86.0		Yes	
Kidney	NM12K358C	85.0	93.0		Yes	
Blubber	NM12B359C	47.0	55.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas for histology to NMFS/SWFSC

PANTROPICAL SPOTTED DOLPHIN (*Stenella attenuata*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sa-001	MMES2004123SC	12 Sep 2004	Stranding		Folly Beach, SC	32.6542 / -79.9603
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Unknown	181	122	41.5	79	.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L650C	141.9	154.4		Yes	
Kidney	NM15K651C	112.2	103.1		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, stomach, brain, colon, heart, muscle, thyroid, intestine, esophagus, lobe of lung, serosal surface of lung, pericardium, aorta, rt testes, bladder, bronchus, brain stem, cerebellum, forestomach, fundic chamber, pyloric chamber, lymph nodes (prescapular, mesenteric, bronchial, gastric) for histology

Eye, kidney, vitreous, muscel, blubber, liver for toxicology

Muscle, rt lung, liver, spleen, lt kidney, feces for biochemical analysis

Rt. Lung, spleen, lt. kidney for virology

Whole heart, liver parasites, rt. & lt testes, muscle parasites, esophageal parasite for life history

Whole head (MRI) for skeletal

CLYMENE DOLPHIN (*Stenella clymene*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Sc-001	WAM602	30 Aug 04	Stranding (UME)		Topsail Island, NC	34.517406/77.365422
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	202	92	46	99	5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L706C	125	139		Yes	
Kidney	NM15K707C	101	119		Yes	
Blubber	NM15B708C	91	92		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, thymus, stomach, brain, colon, heart, muscle, intestine and prescapular lymph node for histology to UNCW

Teeth, skin, skull, reproductive tract, mammary tissue, ovaries to UNCW

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-001	ASF 021	11 Oct 1997	Stranding		Long Beach, NC	33°54'.794/78°09.080
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	161.5		40.5	97.0	15.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L213	64	118		Yes	
Kidney	NM8K214	88	80		Yes	
Blubber	NM8B215	64	49			
Muscle	NM8M216	110	49			

ADDITIONAL SAMPLES COLLECTED:

Fisheries interaction/gill net
Stomach to Duke Marine Lab
Histology to UNCW

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-002	MMES 9885 SC	7/1/98	Stranding		Kiawah Island, Sc	32°10.43/80°42.60
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1.0 ((GLG))	172	53.4	41	118	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	NM8B286	120.3	122.7			
Muscle	NM8M287	146.5	148.0			

ADDITIONAL SAMPLES COLLECTED:

ID # SC9834
Histology to AFIP
Tooth for aging – aged by W. McFee (NOS/CCEHBR)

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-003	MH98-673Tt	19 Jul 98	Stranding		Gloucester, MA	42°38'.60/70°40.65
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	245	145.7	66	129	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L295	143.0	143.7		Yes	
Kidney	NM8K296	141.9	159.9			
Blubber	NM8B297	143.1	146.3			
Muscle	NM					

ADDITIONAL SAMPLES COLLECTED:

Histology to NEA

Lung, skin lesions, liver taken for microbiology

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-004	H0F 007	22 Sept 98	Stranding		North Carolina	36°28.789/75°79.549
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	238.8	184	34	128	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L316	126	101		Yes	
Kidney	NM8K317	111	133		Yes	
Blubber	NM8B318	129	115			
Muscle	NM8M319	139	113		Yes	

ADDITIONAL SAMPLES COLLECTED:

Histology to UNCW for NMFS Miami

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-005	SDZ 001	7 Oct 1998	Stranding		Long Beach, NC	33°54'.50/78°10.00
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2.5 ((GLG))	195	84.5	46		1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L333	118.0	144.0			
Kidney	NM9K334	129	154			
Blubber	NM9B335	114	98			
Muscle	NM9M336	135	183			
ADDITIONAL SAMPLES COLLECTED:						
Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005						

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-006	DAP 031	18 Oct 1998	Stranding		Long Beach, NC	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2.9 ((GLG))	201	92	46.5	114	0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM9L337	155	165			
Kidney	NM9K338	148	146			
Blubber	NM9B339	137	88			
Muscle	NM9M340	153	172			
ADDITIONAL SAMPLES COLLECTED:						
Teeth for age determination to Christine Lockyer (Age Dymanics) - aged tooth in 2005						

BOTTLENOSE DOLPHIN *(Tursiops truncatus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-007	NE Tag #03976	15 Feb 1999	Stranding		Atlantic Beach, NC	34°41'.71/76°42.507
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	203	128	53.7	113	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L001C	118.0	130.0		Yes	
Blubber	NM10B002C	114	109			
Brain	NM10R003C	129	167			
Epaxial	NM10E004C	117	114			

ADDITIONAL SAMPLES COLLECTED:

Stomach collected whole for Duke Marine Lab

Histology to UNCW and AFIP

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-007	SDZ005	19 Apr 99	Stranding		Topsail Island, NC	34°24.756'/77°33.919'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	25 ((GLG))	262		63		19
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L047C	132	114			
Kidney	NM10K048C	171	184			
Blubber	NM10B049C	105	184			
Muscle	NM10M050C	189	184			

ADDITIONAL SAMPLES COLLECTED:

Histology to AFIP

Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-009	PTM047	01 Apr 99	Stranding		NC	34°69.475'/76°81.653'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		212	124.6	52	115	28
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L051C	152	114			
Kidney	NM10K052C	106	116			
Blubber	NM10B053C	105	105			
Muscle	NM10M054C	161	172			
ADDITIONAL SAMPLES COLLECTED:						
Histology taken for AFIP						

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-010	MMES2000002SC	27 Jan 2000	Stranding		Stono River, SC	32°43'.13/79°59.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4 ((GLG))	138	42.7	39	85	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L108C	159.4	151.1		Yes	
Kidney	NM11K109C	111.2	148.8		Yes	
Blubber	NM11B110C	135.2	136.9			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, muscle, stomach lining, heart, intestine, pancreas, skin, lesions (skin and blubber), lymph nodes (prescapular, scapular, pulmonary, media steinum, diaphragm, mesentery, rectal), dorsal fascia lesion, spleen, bladder, vagina, cervix, granular mass, and thymus for histology to AFIP Skin for genetics to NOS/CCEHBR Blubber, liver, right kidney for toxicology Muscle, spleen, rt. Adrenal, pancreas, l. adrenal, granular mass, thymus, brain stem for biochemical analysis Stomach collected to HSWRI Stomach, ovaries, skeleton for life history to NOS/CCEHBR Tooth for aging – aged by W. McFee (NOS/CCEHBR)						

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-011	WAM553	28 Mar 00	Stranding		North Carolina	33°910'/78°308'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8 ((GLG))	232	160	61	125	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L115C	135.0	177.0			
Kidney	NM11K116C	152.0	125.0			
Blubber	NM11B117C	116.0	113.0			
Muscle	NM11M118C	144.0	127.0			

ADDITIONAL SAMPLES COLLECTED:

Histology taken for AFIP

Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-012	NEFC5451	23 Feb 00	Fisheries Interaction		North Carolina	35°.22167'/75°60167'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		218	158	57.5	124	3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L119C	134	154			
Kidney	NM11K120C	140	152			
Blubber	NM11B121C	127	121			
Muscle	NM11M122C	138	137			

ADDITIONAL SAMPLES COLLECTED:

Histology for AFIP

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-013	NEFSC03701	10 Feb00	Incidental Catch		North Carolina	33°50'/75°36'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2.9 ((GLG))	198		50	111	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L123C	120	174			
Kidney	NM11K124C	167	102			
Blubber	NM11B125C	100	95			
Muscle	NM11M126C	10[illegible]	180			

ADDITIONAL SAMPLES COLLECTED:

Histology to AFIP

Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-014	WAM550	21 Mar 99	Stranding		Figure 8 Isle, NC	34°15.30'/77°45.30'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Neonate	114.5	19.8	28	59	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L131C	48	59			
Kidney	NM11K132C	63	72			
Blubber	NM11B133C	70	50			
Muscle	NM11M134C	121	93			

ADDITIONAL SAMPLES COLLECTED:

Brain to NIST

Histology to AFIP

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-015	MMES2000075SC	27 Jul 00	Stranding		Wando River, SC	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	0.25 ((GLG))	120.5	22.5	26.2	75.0	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L178C	112.4	111.5			
Kidney	NM11K179C	73.9	81.2			
Blubber	NM11B180C	87.4	93.1			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, intestine, brain stem, lymph nodes (prescapular, prevascular, mesenteric), trachae, esophagus, diaphragm, spleen, ovary, and bladder for histology to AFIP

Field Number: SC0034

Neonate – tooth aged by W. McFee (NOS/CCEHBR)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-016	VMSM20001049	28 Sep 00	Stranding		Norfolk, VA	36°938.526'/76°218.729'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2.5 ((GLG))	207	114	52	115	12
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L255C	113.0	113.0		Yes	
Kidney	NM11K256C	112.0	130.0		Yes	
Blubber	NM11B257C	113.0	97.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, lymph nodes for histology to UNCW

Stomach to UNCW

Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-017	NJ00-111	8 Nov 00	Incidental Take		Sandy Hook, NJ	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	261.6			134.6	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L276C	111.8	109.0		Yes	
Kidney	NM11K277C	103.1	95.6		Yes	
Blubber	NM11B278C	65.0	67.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (pre-scapular) taken for histology to NMFS-Beaufort and Silver Springs
Stomach to UNCW
Tooth for aging to Aleta Hohn (NMFS-Beaufort)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-018	WAM559	10 Nov 00	Stranding		Wrightsville Beach, NC	34°15'/77°46'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	47 ((GLG))	239	166	66	130	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L279C	112	139		Yes	
Kidney	NM11K280C	150	151		Yes	
Blubber	NM11B281C	129	116		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, lymph node (pre-scapular, mesenteric) for histology to UNCW
Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-019	NEFSC5332	11 Dec 00	Fisheries Take		Hatteras Inlet, NC	35°11.268'/75°44.850'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Immature	228	163	66	123	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L282C	154.0	140.0		Yes	
Kidney	NM11K283C	134.0	118.0		Yes	
Blubber	NM11B284C	138.0	132.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to UNCW
Stomach to UNCW

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-020	WAM560	22 Nov 00	Stranding		ICW off Lee, NC	34°29.97'/77°73.90'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	20 ((GLG))	245	193	63	127.5	3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L285C	131.0	151.0		Yes	
Kidney	NM11K286C	132.0	144.0		Yes	
Blubber	NM11B287C	109.0	109.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, and lymph node (pre-scapular) for histology to UNCW
Stomach to UNCW
Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-021	MMES2001001SC	6 Jan 01	Stranding		James Island Creek, SC	32°45.2'/79°56.85'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1.5 (GLG)	172	74.4	46	101	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L288C	153.2	151.5		Yes	
Kidney	NM12K289C	119.4	141.1		Yes	
Blubber	NM12B290C	132.5	119.7			

ADDITIONAL SAMPLES COLLECTED:

SC0101
Liver, kidney, lung, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (pulmonary, hular, mediasteinum, rectal, mesenteric, genital), thymus, esophagus, diaphragm, spleen, ovaries, rib, polypoid cyst from stomach, bronchus, bladder, colon, skull for histology to AFIP
Stomach to HSWRI
Muscle, blood for biochemical analysis
Skin for genetics to NOS/CCEHBR
Right kidney for toxicology
Tooth for aging – aged by W. McFee (NOS/CCEHBR)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-022	WJW 007	23 Mar 01	Stranding		Avon, NC	35°36.982'/75°49.496'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	13 ((GLG))	273		61	155.5	1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L324C	37.0	149.0		Yes	
Kidney	NM12K325C	163.0	148.0		Yes	
Blubber	NM12B326C	174.0	91.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, muscle, stomach, heart, intestine, pancreas, and lymph node (pre-scapular) for histology to UNCW
Stomach to UNCW
Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-023	MMES2001043SC	7 Jun 01	Stranding		Sullivans Island, SC	32°45.2'/79°56.85'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Neonate	107	17.7	26.5	57	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L333C	107.3	139.0		Yes	
Kidney	NM12K334C	32.3	74.0		Yes	
Blubber	NM12B335C	146.4	127.9			

ADDITIONAL SAMPLES COLLECTED:

SC0101, NIST jars labeled MMES2001042SC

Liver, kidney, lung, adrenals, muscle, heart, intestine, pancreas, brain stem, lymph node (prescapular, pericardial, bronchial, lung assoc., mesenteric, rectal), 4th rib, pericardium, rt. bronchus, diaphragm, esophagus, spleen, bladder, rectum, thymus, testes, cerebrum, cerebellum taken for histology to AFIP

Stomach to Nelio Barros (MML)

Skin for genetics to NOS/CCEHBR

Muscle, spleen for biochemical analysis

Stomach, testes, skull for life history

Rt. lung for virology

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-024	WAM 569	1 May 01	Stranding/Fisheries		Topsail Island, NC	34°42.50'/77°50.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	0.3 ((GLG))	150	56	36	93	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L342C	164.0	143.0		Yes	
Kidney	NM12K343C	94.0	97.0		Yes	
Blubber	NM12B344C	105.0	108.0		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, pancreas, brain stem for histology to AFIP

Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-025	MMES2001108SC	5 Sep 01	Stranding		Hunting Beach, SC	32°22.67'/80°26.087'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	196	82.5	55	94	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L348C	160.5	148.7		Yes	
Kidney	NM12K349C	150.2	147.3		Yes	
Blubber	NM12B350C	125.6	148.7		Yes	-

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, lung, adrenals, muscle, heart ,intestine, pancreas, brain, lymph nodes (scapular, prescapular, pulmonary, hylar, mesenteric), shark bite wounds, lesion near left ear, mouth lesions, fascia tissue over muscle, 3rd ft. rib tip, pericardial sac, aorta spleen, bladder, unknown gland near rectum, thymus for histology to AFIP

Skin for genetics

Blubber, liver, rt. & l. kidney for toxicology

Muscle, rt. & l. adrenal, spleen for biochemical analysis

Xenobalanus, stomach, ovaries, teeth, skull for life history

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-026	MMES2002030SC	1 Feb 02	Stranding		Charleston Harbor, SC	32°22.67'/80°26.087'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	9 ((GLG))	206.0	111.1	54.4	110.2	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L363C	143.7	155.5		Yes	
Kidney	NM13K364C	150.4	145.2		Yes	
Blubber	NM13B365C	125.6	152.1		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, lung, adrenals, muscle, stomach lining, heart, intestine, pancreas, lymph nodes (prescapular, scapular, hylar, media, lingual, and mesenteric), mouth lesion, skin lesion, spleen, diaphragm, bladder, thymus, rt. and left testis, nare linging for histology to AFIP

Stomach, rt. and left testis, teeth, whole carcass for life history

Skin for genetics

Muscle, rt. kidney, spleen for biochemical analysis

Rt. lung, for virology

Teeth, whole carcass for skeletal archive –tooth aged by W. McFee (NOS/CCEHR)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-027	MMES2002118SC	23 Jul 02	Stranding		Kiawah Island, SC	32°36.562'/80°02.229'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	10 ((GLG))	220.0	125.645	59.0	109.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L441C	146.2	150.2		Yes	
Kidney	NM13K442C	142.2	140.0		Yes	
Blubber	NM13B443C	131.9	142.3		Yes	

ADDITIONAL SAMPLES COLLECTED

SC0216

Liver, kidney, lung, adrenals, muscle, heart, pancreas, brain, lymph nodes (prescapular, sternal, caudal sternal, mediastinum, pulmonary, diaphragmatic and mesenteric), pericardium, rt. Bronchus, esophagus, pulmonary artery, spleen, uterus, bladder, cerebellum for histology to AFIP

Stomach, ovaries, uterus, whole skeleton for life history to NOS/CCEHBR

Skin for genetics

Muscle, rt. adrenal, left adrenal, spleen for biochemical analysis

Rt. lung, for virology

Blubber, rt. kidney, for toxicology

Whole carcass for skeletal archive

Tooth for aging – aged by W. McFee (NOS/CCEHBR)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-028	MMES2002162SC	22 Aug 02	Incidental Take		Wando River, Charleston,SC	32°87.467'/79°87.73'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	201.0	105.2	55.0	103.0	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L486C	145.4	146.2		Yes	16 Jul 04
Kidney	NM13K487C	136.1	144.3		Yes	
Blubber	NM13B488C	116.6	128.5			

ADDITIONAL SAMPLES COLLECTED

SC0223

Liver, kidney, lung, adrenals, muscle, heart, intestine, pancreas, brain, lymph nodes (prescapular, scapular, caudal sternal, mediastinum, pulmonary, diaphragmatic, mesenteric, hylar, iliac), wounds (dorsal fins, fluke, peduncle), pericardial sac, aorta, spleen, diaphragm, uterus, rectal gland, thymus, cerebrum, cerebellum for histology to AFIP

Stomach, ovaries, teeth, skull, flipper, scapula for life history to NOS/CCEHBR

Skin for genetics

Serum, muscle, whole blood, rt. and left adrenal, spleen, cerebral spinal fluid for biochemical analysis

Rt. and left lung for virology

Blubber, rt. and left kidney for toxicology

Skull, flipper, scapula for skeletal archive

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-029	REL 014	30 Mar 02	Incidental Take		Beaufort, NC	34°66.86'/76°88.58'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	265.0	260.4	67	141	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L489C	139.0	138.0		Yes	
Kidney	NM13K490C	151.0	138.0		Yes	
Blubber	NM13B491C	148.0	127.0		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, lymph nodes (prescapular, colonic) for histology to NCSU-Vet, NMFS

Stomach for analysis to UNCW

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-030	WAM 579	20 Oct 02	Stranding		Brunswick, NC	33°84.8051'/78°08.051'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	237.0	184.0	68	129	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L492C	124.0	134.0			
Kidney	NM13K493C	106.0	113.0		Yes	
Blubber	NM13B494C	109.0	55.9		Yes	

ADDITIONAL SAMPLES COLLECTED

Kidney, blubber, lung, adrenals, muscle, heart, pancreas, lymph nodes for histology to AFIP
Stomach for analysis to N. Barros (MML)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-031	MMES2003042SC	12 May 03	Stranding		Hilton Head Island, SC	32°12.00'/80°79.000'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Neonate	106.0	17.3	28.0	53.0	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L523C	143.4	122.9		Yes	
Kidney	NM14K524C	44.3	55.9		Yes	
Blubber	NM14B525C	127.9	126.3			

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, lung, muscle, heart, intestine, pancreas, brain stem, lymph nodes (prescapular, pulmonary, hylar, diaphragmatic, mediasteinum, mesenteric), rt. bronchus, rib, pericardial sac, esophagus, aorta, spleen, diaphragm, rectal gland, bladder, thymus, tongue, rt. eye for histology to AFIP
Skin for genetics to W. McFee (NOS/CCEHBR)
Rt. lung for virology to W. McFee (NOS/CCEHBR)
Blubber, liver, kidney, whole brain for toxicology to W. McFee (NOS/CCEHBR)
Spleen for biochemical analysis to W. McFee (NOS/CCEHBR)
Stomach, testes, teeth, skull, flipper, scapula for life history to W. McFee (NOS/CCEHBR)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-032	WAM 591	6 Aug 03	Stranding		Topsail Island, NC	34°31'/77°22'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	222.8	114	56.0	107.1	.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L532C	135	138		Yes	
Kidney	NM14K533C	124	142		Yes	
Blubber	NM14B534C	110	94		Yes	
ADDITIONAL SAMPLES COLLECTED						
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, brain stem, skin, prescap, colonic, and pancreatic lymph nodes						

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-033	MMES2003089SC	17 Aug 03	Stranding		Wallace Creek, Charleston, SC	32.7290/80.1610
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	175	62.2	50	87	15
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L535C	149.6	155.2		Yes	
Kidney	NM14K536C	119.9	114.1		Yes	
Blubber	NM14B537C	83.3	77.5		Yes	
ADDITIONAL SAMPLES COLLECTED						
SC0322 Liver, lung, kidney, pancreas, spleen, adrenals, thymus, brain, heart, muscle, esophagus, pericardium, lung lesions, rope wounds, aorta, pox-like lesions, rt. bronchus, bladder, cerebrum, cerebellum, lymph nodes: prescapular, scapular, mesenteric, pulmonary, caudal media, hepatic for histology Teeth, genetics, skull, stomach to W. McFee (NOS/CCEHBR) Serum for bacterial and urology to W. McFee (NOS/CCEHBR)						

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-034	MMES2003160SC	14 Nov 03	Stranding		Isle of Palms, SC	32 49.8 N / 79 44.5 W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	109	16.8	24	56	15
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L547C	142.6	155.1		Yes	
Kidney	NM14K548C	113.0			Yes	
Blubber	NM14B549C	115.5	123.3		Yes	

ADDITIONAL SAMPLES COLLECTED

SC 0334

Liver, kidney, pancreas, spleen, adrenals, thymus, heart, muscle, intestine, pericardium, aorta, cerebrum, cerebellum, diaphragm, lymph nodes: prescapular, mesenteric, hylar, pulmonary, mediasteinum for histology

Genetics, skull, to W. McFee (NOS/CCEHBR)

Liver, blubber, rt. kidney, muscle for toxicology to W. McFee (NOS/CCEHBR)

Stomach for life history

Lung for viral

Thymus, spleen, rt. adrenal, l. adrenal for biochemical analysis to W. McFee (NOS/CCEHBR)

Skull, scapula, flipper for life history/skeletal

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-035	MMES2003161SC	17 Nov 03	Stranding		Myrtle Beach, SC	33 44.79 N / 78 48.49 W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	255			131.0	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L550C	139.7	139.3		Yes	
Kidney	NM14K551C	140.2	145.9		Yes	
Blubber	NM14B552C	144.1	150.5		Yes	

ADDITIONAL SAMPLES COLLECTED

SC 0335

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, brain, heart, muscle, esophagus, pericardium, aorta, bronchus, cerebellum, diaphragm, upper intestine, liver scar tissue, epidydimi, testes, lymph nodes: mandibular, prescapular, mesenteric, pulmonary, hepatic for histology

Teeth, genetics, skull, stomach, testes to W. McFee (NOS/CCEHBR)

Rt. Kidney, muscle, liver, blubber W. McFee (NOS/CCEHBR)

Lung for virology, thymus, spleen, rt. adrenal, l. adrenal for biochemical analysis

Dorsal fin, scapula, flipper, skull for life history/skeletal archive

Xenobalanus

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-036	MMES2004001SC	12 Jan 04	Stranding		Seabrook Island, SC	32.5685 / -80.1543
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	138	32	35	69	15
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L553C	154.5	159.7		Yes	
Kidney	NM15K554C	144.1	107.3		Yes	
Blubber	NM15B555C	127.4	143.7			

ADDITIONAL SAMPLES COLLECTED

SC 0401

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, brain stem, heart, muscle, intestine, esophagus, skin lesions, 3rd right rib, pericardium, aorta, pulmonary trunk, right bronchus, diaphragm, bladder, rectal gland, cerebrum, cerebellum, and mandibular, prscapular, hilar, mesenteric, pulmonary, mediasternum lymph nodes for histology

Teeth, skin, skull, testes, xenoballanus (parasites) to W. McFee (NOS/CCEHBR)

Rt. lung for virology

Fecal for genetics

Muscle, spleen, and adrenal glands for biochemical analysis

Stomach, testes, teeth, skull for life history to W. McFee (NOS/CCEHBR)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-037	MMES2004003SC	27 Jan 04	Stranding		Kiawah Island, SC	32.6262 / -80.0026
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	228	123.18	60	115.0	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L562C	155.8	163.0		Yes	
Kidney	NM15K563C	142.9	154.9		Yes	
Blubber	NM15B564C	137.5	152.8			

ADDITIONAL SAMPLES COLLECTED

SC 0403

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, brain, heart, muscle, intestine, esophagus, skin lesions, diaphragm, ovarian sac, uterus, rectal gland, cerebrum, cerebellum, and prescapular, hilar, mesenteric, mandibular, pulmonary, mediasteinum, diaphragmatic, and aorta lymph nodes for histology

Teeth, skin, stomach to W. McFee (NOS/CCEHBR)

Blubber, liver, kidney for toxicology to W. McFee (NOS/CCEHBR)

Rt. lung for virology

Muscle, spleen and adrenal glands for biochemical analysis

Stomach, ovaries, teeth, skull, ribs, flip, scapula for life history

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-038	SJP0319-21	22 Mar 04	UME / mass stranding		Florida Panhandle	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	205		60	101.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L571C	150.4	164.76		Yes	
Kidney	NM15K572C	156.88	160.51		Yes	
Blubber	NM15B573C	137.43	149.09			13 May 04

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, stomach, brain, colon, heart, intestine, skin, urinary bladder, tongue, diaphragm, and lymph nodes (prescapular, mesenteric, and pulmonary) for histology

Teeth, skin, skull, ovaries, stomach

Lung, liver, kidney for viral

Muscle (2), whole blood, blubber/skin, liver, spleen, kidney, lung (2), whole eye (2), stomach contents, feces from colon , nasal sinus, esophagus, bronchi, lymph nodes (tracheal, pulmonary) for red tide to F. Van Dolah (NOS/CCEHBR

Brain – ½ frozen and ½ formalin

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-039	SJP0319-22	22 Mar 04	UME / mass stranding		Florida Panhandle	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		186.0		53.0	95.0	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L574C	151.13	146.15		Yes	
Kidney	NM15K575C	133.57	146.14		Yes	
Blubber	NM15B576C	136.51	140.54			6 May 04

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, stomach, brain, colon, heart, intestine, skin, urinary bladder, tongue, diaphragm, testicle and lymph nodes (prescapular, mesenteric, and pulmonary) for histology

Teeth, skin, skull, and stomach

Lung, spleen, liver, kidney for viral

Muscle (2), blubber/skin, liver, spleen, kidney, lung (2), whole eye (2), stomach contents, feces from colon, bronchi, trachea, pulmonary lymph nodes for red tide to F. Van Dolah (NOS/CCEHBR)

Brain, 10ml red top tube of spinal fluid

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-039	MIA0411	22 Mar 04	UME / mass stranding		Florida Panhandle	29.955278 / 85.418333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		219.0		57.0	120.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L574C	130.64	140.49		Yes	
Kidney	NM15K578C	170.41	163.82		Yes	
Blubber	NM15B579C	142.78	131.59			3 May 04

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, stomach, brain, colon, heart, intestine, skin, urinary bladder, tongue, diaphragm, ovary, and lymph nodes (prescapular, mesenteric, pulmonary and associated with pancreas) for histology

Teeth, skull, ovaries, stomach

Liver, kidney for viral

Muscle (2), whole blood, blubber/skin, liver, spleen, kidney, lung (2), whole eye (2), stomach contents, feces from colon, nasal sinus, esophagus, bronchi, tracheal lymph node, pulmonary lymph nodes for red tide to F. Van Dolah (NOS/CCEHBR)

Brain

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-041	SJP0426	22 Mar 04	UME / mass stranding		Florida Panhandle	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	265		77.0	138.0	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L580C	134.03	151.13		Yes	
Kidney	NM15K581C	170.69	167.79		Yes	
Blubber	NM15B582C	151.23	156.62			

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, pancreas, spleen, adrenals, stomach, brain, colon, heart, muscle, thyroid, intestine, urinary bladder, tongue, diaphragm, pituitary, testes, and lymph nodes (prescapular, mesenteric, and pulmonary) for histology

Teeth, skin, skull, testes, stomach

Lung, spleen, liver, kidney for viral

Muscle (2), whole blood, blubber/skin, liver, spleen, kidney, lung (2), urine, whole eye (2), stomach contents, feces from colon, esophagus, bronchi, lymph nodes (tracheal, pulmonary) for red tide to F. Van Dolah (NOS/CCEHBR)

Brain

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-042	Nemo-GW	22 Mar 04	Gulf World–possibly related to UME		Panama City Beach, FL	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	167.0		17.0	85.0	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L583C	150.12	141.46		Yes	
Kidney	NM15K584C	93.87	92.53		Yes	
Blubber	NM15B585C	147.34	126.98			

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, pancreas, spleen, adrenals, thymus, stomach, brain, colon, heart, muscle, thyroid, intestine, skin, urinary bladder, diaphragm, axillary nerves, and lymph nodes (prescapular, mesenteric, and pulmonary) for histology

Teeth, skin, skull, testes, stomach

Lung, spleen, thymus, pulmonary lymph nodes, heart, liver, kidney for viral

Muscle (2), whole blood, blubber/skin, liver, spleen, kidney, lung (2), whole eye (2), stomach contents, feces from colon, nasal sinus, nasal pharynx, larynx, trachea, esophagus, pulmonary lymph nodes for red tide to F. Van Dolah (NOS/CCEHBR)

Brain

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-043	MMES2004038SC	15 May 04	Stranding		Cape Romaine, SC	32.85370 / -79.72370
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	190	80.5	48	99	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L592C	149.3	152.0		Yes	
Kidney	NM15K593C	155.0	150.0		Yes	
Blubber	NM15B594C	135.2	160.0			

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, spleen, adrenals, brain, heart, intestine, aorta, bronchus, rectal gland, bladder, rectum, mesenteric lymph node for histology
Skin, skull, ovaries , stomach to NOS/CCEHBR
Lung for viral
Blood to Dr. Fayer (USDA)
Blowhole swab to Dr. Baatz (MUSC)
Blubber, epaxial muscle, liver, kidney, ovaries, uterus, stomach for life history to NOS/CCEHBR
Skull ribs, flipper, scapular for skeletal archive to NOS/CCEHBR

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-044	MMES2004082SC	27 Jul 04	Stranding		Folly Beach, SC	32.69046/-79.89741
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Neonate	111.0	15.0	26.0	56.0	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L595C	155.8	105.3		Yes	
Kidney	NM15K596C	43.4	58.2		Yes	
Blubber	NM15B597C	115.5	129.9			

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, spleen, adrenals, thymus, brainstem, heart, muscle, intestine, posterior wound, anterior wound, ventral rt. eye wound, pinhole lesions, fascia from wounds, necrotic muscle around wounds, pericardium, aorta, diaphragm, cerebellum, cerebrum, ovaries, bladder, bronchus, lymph nodes (prescapular, hilar, mesenteric) for histology
Skin for genetics
Swab wound (post. & ant.), blowhole swab, swab ventral rt. eye, muscle, thymus, adrenals, spleen, brain for biochemical analysis
lung parasites, stomach, ovaries, teeth, skull, flip, scap for life history
Rt. lung for viral
Skull, flip, scap. For skeletal archive

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-045	VMSM20041079	16 Jul 04	Incidental Take		Virginia Beach, VA	36.91425/76.07292
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	195.0	93.0	13.3	108.5	0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L598C	149.0	158.0		Yes	
Kidney	NM15K599C	164.0	100.6		Yes	
Blubber	NM15B600C	115.0	93.0		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, lung, kidney, pancreas, spleen, blubber, adrenals, thymus, stomach, colon, heart, muscle, thyroid, intestine, esophagus, lesion on lower mandible, lesion from ventral thoracic blubber, nuchal fat, sernohyoid hemorrhage, ovaries, uterine horn, pericardium, lung lesion, lung nodule, duodenum, bronchus, aorta, bore lesion on vertebrae, pituitary, lymph node (prescapular, lung, colonic) for histology

Skin for genectics

Blubber, muscle, lipids for research at UNCW

Whole head, ovaries, stomach contents (fish, bones, and otoliths)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-046	MMES2004085SC	15 Aug 04	Stranding		N. Myrtle Beach, SC	33.8349 / -78.6185
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	284	242.7	70.0	133.0	0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L635C	159.2	159.4		Yes	
Kidney	NM15K636C	143.9	100.6		Yes	
Blubber	NM15B637C	101.1	100.6			

ADDITIONAL SAMPLES COLLECTED

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, brain, heart, muscle, thyroid, intestine, esophagus, bronchus, mediasteinum, pericardium, aorta, stomach lining, forechamber, fundic chamber, pyloric chamber, left horn, bladder, brain stem, lymph node (prescapular, mesenteric, pulmonary) for histology

Skin for P. Rosel (NMFS)

Stomach to W. McFee (NOS/CCEHBR)

Vitreous, blubber, eye, spleen, muscle, bronchus, heart muscle, kidney, liver, adrenals, thyroid, trachea, brain for toxicology ananlysis

Blowhole swab, spleen, lung, liver, spinal cord, blood, melon for biochemical analysis

Lung for virology

Stomach, stomach parasites, ovaries, uterus, feces for life history

Whole head for MRI scan to NCSU-Vet

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-047	MMES2004084SC	11 Aug 04	Incidental Take		Wando River, Charleston, SC	32.88833/-79.85035
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	227.2	146.1	66.8	115.8	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L629C	164.2	151.63		Yes	
Kidney	NM15K630C	150.[illegible]	155.0		Yes	
Blubber	NM15B631C	145.2	163.4		Yes	

ADDITIONAL SAMPLES COLLECTED

Full histo
25x25cm blubber for trace metals to S. Christopher (NIST)
Skin for trace metals to C. Bryan (NIST)

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-048	WAM601	30 Jul 04	Stranding		Surf City, NC	34.430000/77.543333
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	281.0		61.0	137.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L632C	150.0	134.0		Yes	
Kidney	NM15K633C	161.0	118.0		Yes	
Blubber	NM15B634C	123.0	132.0		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, colon, thyroid, esophagus, potential pituitary tumor with cushings disease for histology to UNCW-Prescott
Skin for genetics to P. Rosel (NMFS)
Skull, testis to UNCW
Stomach for analysis
Blubber for lipid analysis
Muscle for histochemistry and biomechanics

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-049	WAM607	21 Nov 04	Incidental Take		N. Topsail, NC	34.50197/77.38522
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	173	74.5	48.4	98.0	2.00
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L703C	136	173		Yes	
Kidney	NM15K704C	97	117		Yes	
Blubber	NM15B705C	93	106			
ADDITIONAL SAMPLES COLLECTED						
Liver, kidney, lung, adrenals, muscle, heart, intestine, brain stem, skin and mesenteric, lung associated, colonic, prescapular lymph nodes for histology to UT and UNCW						

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-050	AJW001	05 Mar 05	Stranding		Carolina Beach, NC	34.01388/77.89890
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	274	231	68.5	139.0	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L737C	129	143		Yes	
Kidney	NM16K738C	120	134		Yes	
Blubber	NM16B739C	91	101		Yes	
ADDITIONAL SAMPLES COLLECTED						
Liver, lung, kidney, pancreas, spleen, blubber, adrenals, thymus, brain, heart, muscle, intestine, teeth, skin, skull, repro tract, testes, parasites for histology						

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-051	MMES2005019SC	22 May 05	Stranding		Beaufort, SC	32.4413/-80.65285
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	244	147.73	65	122	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L780C	153	161		Yes	
Kidney	NM16K781C	144.4	155.9		Yes	
Blubber	NM16B782C	136.4	142.5			

ADDITIONAL SAMPLES COLLECTED

SC0518

Liver, lymph nodes (prescapluar, mesenteric, pulmonary, lung associated), kidney, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, trachea, spleen, thymus, colon, thyroid, esophagus, skin lesions, tongue lesions, pericardium, bronchus, diaphragm, brain stem, aorta, rectal gland, bladder, mammary, uterus for histology to AFIP and HBOI

Teeth for aging to W. McFee (NOS/CCHEBR)

Skin and fetus skin for genetics to P. Rosel (NMFS)

Skull to W. McFee (NOS)

Stomach for analysis to W. McFee (NOS)

Fetus blubber for fatty acid; blubber, muscle, r/l kidneys, liver, milk for toxicology; muscle, heart, feces for bacterial; prescapluar lymph node, r. lung, liver, spleen, adrenals for virology; blood, spinal cord, spleen, C-S clued, thymus, thyroid for biochemical; stomach, throracic vertebrae, fetus, fish spine for life history

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-052	MMES2005007SC	24 Mar 05	Stranding		Hilton Head Island, SC	32.11194/-80.80785
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	239.0	177.73	64	131	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L783C	147	148.1		Yes	
Kidney	NM16K784C	135.0	149.9		Yes	
Blubber	NM16B785C	128.0	142.5			

ADDITIONAL SAMPLES COLLECTED

SC0506

Liver, lymph nodes (prescapluar, mesenteric, pulmonary, lung associated gastric), kidney, stomach, heart, intestine, lung, pancreas, adrenals, brain stem, muscle, spleen, colon, thyroid, esophagus, skin lesions, gum lesions, tongue lesions, pericardium, bronchus, diaphragm, reniculus lesions, aorta, rectal gland, cerebellum, cerebrum, forchamber lesion, fundic chamber, pyloric chamber, bladder, mammary for histo to AFIP/HBOI.

Teeth for aging to W. McFee (NOS)

Skin for genetics to P. Rosel (NMFS)

Skull to W. McFee (NOS)

Stomach for analysis to W. McFee (NOS)

Blood to JP Dubey (USDA)

Spleen to M. Peden-Adams (MUSC)

Blubber, muscle, kidney, liver for toxicology; eye vitreous, blood, spleen, for biochemical

Muscle, heart, feces for bacterial

R. lung, spleen, gastric lymph nodes, mesenteric lymph nodes, r. & l. adrenal for virology

Stomach, ovaries, uterus, teeth, skull flipper, scapula, thoracic vertebrae for life history

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-053	VAQS20051086	17 July 05	Incidental Take		Virginia Beach, VA	36.911434/76.0791245
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	195.4	93	49	103	9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L794C	134	145		Yes	
Kidney	NM16K785C	150	122		Yes	
Blubber	NM16B786C	86	77		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, lymph nodes (prescapluar, mesenteric, lung, colonic), kidney, blubber, heart, intestine, lung, pancreas, adrenals, brain, skin, trachea, spleen, thymus, intestine, thyroid, line lestion, pituitary, aorta, bladder, penile lesions, prostate, spinal cors, testes for histology to UNCW/NCSU-Vet/UT
Teeth for aging to W. McLellan (UNCW)
Skin for genetics to W. McLellan (UNCW)
Skull, testes, parasites, lung worm to W. McLellan (UNCW)
Testes to W. McLellan (UNCW)
Stomach for analysis to W. McLellan (UNCW)
Muscle, blubber, serum to VAQS
Virology suite samples

BOTTLENOSE DOLPHIN (*Tursiops truncatus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Tt-054	MMES2005075SC	12 Dec 05	Stranding		Sullivan's Island, SC	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	210.0		50.0		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L839C	150.0	150.0		Yes	
Kidney	NM16K840C	150.0	150.0		Yes	
Blubber	NM16B841C	140.0	150.0		Yes	

ADDITIONAL SAMPLES COLLECTED

Liver, kidney, stomach, heart, lung, pancreas, brain stem, trachea, spleen, esophagus, pericardium, aorta, bronchus, diaphragm, bladder, rectal gland, tongue to for histology to NOS/CCEHBR
Teeth for aging to W. McFee (NOS/CCEHBR)
Skin for genetics to P. Rosel (NMFS)
Stomach to Michelle Pate (NOS/CCEHBR)
Whole blood, blubber, liver, and kidney for toxicology to NOS/CCEHBR
Muscle, rt. lung, spleen for biochemical analysis
Rt. lung, spleen for virology
Stomach, testis, thoracic vertebrae, skull, scapula, rt. flipper, teeth for life history to W. McFee (NOS/CCEHBR)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-001	CSL-2203	30 Sept 93	Stranding		Morro Bay, CA	38°51' 122°32'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	12 ((GLG))	166	71		98.8	1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L047	153	170		Yes*	
Kidney	NM3K048	111	154			
Blubber	NM3B049	82	91			

ADDITIONAL SAMPLES COLLECTED:

*Complete set of all organs, brain, and reproductive tract
Hermit crabs from stomach, lumbar and spinal vertebra to TMMC
Bile, kidney, blubber, brain, liver to ECD
Liver, kidney, muscle, brain, intestine, heart, lung to UC-Davis
Tooth for aging, kidney smear to TMMC – Aged by SWFSC (growth layer groups)
Lung, liver, bronchus, bladder for microbiology

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-002	CSL-2217	27 Oct 93	Stranding		Casper Beach, CA	38°51' 122°32'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8 ((GLG))	175	69		88.7	0.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM3L050	162	151		Yes*	
Kidney	NM3K051	153	173			
Blubber	NM3B052	89	70			

ADDITIONAL SAMPLES COLLECTED:

*Complete set of all organs
Liver, kidney, blubber, brain, testes to ECD, NMFS, NOAA
Tooth for aging, kidney smear to TMMC – Aged by SWFSC (growth layer groups)
Liver, lung for microbiology
Stomach content to Museum of Vertebrate Zoology

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-003	CSL2881	5 May 96	Stranding		Monterey, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	12 ((GLG))	242.5	121.5			5.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L057	110				
Kidney	NM6K058	150				
Blubber	NM6B059	144	134			
Muscle	NM6M060	180				

ADDITIONAL SAMPLES COLLECTED:

Toxicology to NMFS

Lung, heart, thyroid, spleen, liver, gall bladder, adrenal, kidney, urinary bladder, gonad, sub mandible, photos, x-rays at TMMC

Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-004	CSL 3067	20 Aug 96	Stranding		Sausalito, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	11 ((GLG))	126	199.6		143	12
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L076	140.1	128.6		Yes	
Kidney	NM6K077	166.6	145.8		Yes	
Blubber	NM6B078	177.5	186.4			

ADDITIONAL SAMPLES COLLECTED:

Lung, liver, kidney, ureter, urinary bladder, urethra, adrenal, thyroid, heart, lymph nodes, stomach, spleen for histology to UC-Davis

Serum sample at TMMC

Tooth for againg – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-005	CSL3101	29 Oct 96	Stranding		Sausalito, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4.5 ((GLG))	188	104		101	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L079	124	130		Yes	
Kidney	NM6K080	131	134		Yes	
Blubber	NM6B081	149	147			7 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, thyroid, spleen, liver, adrenal, kidney, urinary bladder at TMMC
Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-006	CSL 3096	26 Oct 96	Stranding		Pebble Beach, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	11 ((GLG))	210	139		115	0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L082	160	153		Yes	
Kidney	NM6K083	204	195		Yes	
Blubber	NM6B084	185	191			11 Aug 98
Muscle	NM6M085	189	191			

ADDITIONAL SAMPLES COLLECTED:

Tooth collected for aging – Aged by SWFSC (growth layer groups)
Lung, trachea, heart, salivary gland, esophagus, stomach, duodenum, jejenum, ileum, colon, pancreas, spleen, gall bladder, adrenal, kidney, ureter, urinary bladder for histology to UC-Davis

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-007	CSL3103	6 Nov 96	Stranding		Monterey Dunes Colony, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7 ((GLG))	164	78		92	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L086	171	148		Yes	
Kidney	NM6K087	158	166		Yes	
Blubber	NM6B088	150	172			13 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, pulmonary artery, thyroid, stomach, ileum, colon, spleen, liver, adrenal, kidney, urinary bladder for histology to TMMC
Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-008	CSL 3105	11 Nov 96	Stranding		Aquatic Park, San Francisco, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8.5 (GLG)	221	144		119	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L089	178	179		Yes	
Kidney	NM6K090	143	165		Yes	
Blubber	NM6B091	172	177			14 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, aorta, salivary gland, thyroid, jejenum, ileum, colon, pancreas, spleen, gall bladder, liver, adrenal, kidney, ureter, urinary bladder, gonad, sublumbar lymph node for histology to UC-Davis
Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-009	CSL3110	5 Dec 96	Stranding		Monterey County, Delonte, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	9 ((GLG))	167	220		124	29
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L092	139	172		Yes	
Kidney	NM7K093	163	163		Yes	
Blubber	NM6B094	169	181			17 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Thyroid, stomach, ileum, colon, liver, kidney, urinary bladder, tongue, esophagus, lymph nodes, gall bladder, testicle for histology to UC-Davis

Teeth collected – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-0[illegible]9	CSL 3127	28 Apr 97	Stranding		Corcoran Lagoon, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	10 ((GLG))	165	63.5		88	0.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L113	169	164		Yes	
Kidney	NM7K114	158	172		Yes	
Blubber	NM7B115	152	154			19 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, aorta, thyroid, stomach, duodenum, colon, spleen, liver, adrenal, kidney, urinary bladder, ovary, uterus, eYes, brain, muscle, colonic lymph node for histology to UC-Davis

Tooth for aging – Aged by SWFSC (growth layer groups)

Radiographs taken

Lung, liver for microbiology

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-011	CSL3153	22 May 97	Stranding		Sonoma County, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	14 ((GLG))	208	134		120	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L124	159	154		Yes	
Kidney	NM7K125	173	174		Yes	
Blubber	NM7B126	175	149			20 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Thyroid, stomach, ileum, colon, liver, kidney, urinary bladder, lymph nodes, testicle, lung, heart, pancreas, spleen, adrenal, muscle for histology to TMMC
Teeth for aging to NMFS – Aged by SWFSC (growth layer groups)
Skull, pelt to museum at Pt Logos

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-012	CSL3264	7 Aug 97	Stranding		CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈3	141	39		81	14
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L137	140.7	166.9			
Kidney	NM7K138	151.2	152.5		Yes	
Blubber	NM7B139	169.8	141.7			24 Aug 98

ADDITIONAL SAMPLES COLLECTED:

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-013	CSL3306	2 Sept 97	Stranding		CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	14 ((GLG))	198	135		127	0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L140	153.0	163.3		Yes	
Kidney	NM7K141	162.3	173.4		Yes	
Blubber	NM7B142	170.2	170.3			25 Aug 98

ADDITIONAL SAMPLES COLLECTED:

All except brain taken for histology to TMMC
Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-014	CSL3314	7 Nov 97	Stranding		CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3.5 ((GLG))	162	70		92	12
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L149	166.0	165.9		Yes	
Kidney	NM8K150	152.1	148.1		Yes	
Blubber	NM8B151	151.8	166.6			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging to TMMC – Aged by SWFSC (growth layer groups)
Lung, heart, tonsil, thyroid, salivary gland, stomach, ileum, liver, kidney, adrenal, urinary bladder, spleen for histology for TMMC

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-015	CSL3321	7 Nov 97	Stranding		CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	13 ((GLG))	217	167		140	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L152	160.3	165.9		Yes	
Kidney	NM8K153	160.7	151.3		Yes	
Blubber	NM8B154	177.1	154.9			

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, liver, gall bladder, adrenal, kidney, colon, ileum, urinary bladder, thyroid, spleen, lymphoid, salivary gland, esophagus, testicle for histology to TMMC

Tooth for aging to TMMC – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-016	CSL3377	7 Nov 97	Stranding		CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5 ((GLG))	160	72		97	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L155	161.7	170.4		Yes	
Kidney	NM8K156	157.4	170.3		Yes	
Blubber	NM8B157	165.2	181.7			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, lung, adrenal, thyroid, esophagus, urinary bladder, gonad for histology to TMMC

Tooth for aging to TMMC – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-017	CSL3449	2 Dec 97	Stranding		Fanshell Beach, Monterey Co, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	13 ((GLG))	224	190		132	31
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L158	173.1	189.8		Yes	
Kidney	NM8K159	160.5	153.3		Yes	
Blubber	NM8B160	166.3	189.1			

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, salivary gland, thyroid, tonsil, stomach, ileum, pancreas, spleen, liver, gall bladder, adrenal, kidney, ureter, urinary bladder, gonad, eye, lymph nodes for histology for TMMC
Tooth for aging to TMMC – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-018	CSL3438	14 Nov 97	Stranding		Santa Cruz, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	11 ((GLG))	147	66		94	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L194	142.9	189.1		Yes	
Kidney	NM8K195	154.4	174.3		Yes	
Blubber	NM8B196	171.0	158.4			

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, thyroid, tonsil, tongue, stomach, duodenum, colon, pancreas, spleen, liver, adrenal, kidney, urinary bladder, gonad, uterus, brain, lymph nodes for histology to TMMC
Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION *(Zalophus californianus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-019	CSL 3609	7 April 1998	Stranding		San Francisco, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3 ((GLG))	167	79		98	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L320	145.6	154.6		Yes	
Kidney	NM8K321	172.5	169.4		Yes	
Blubber	NM8B322	173.3	162.3		Yes	

ADDITIONAL SAMPLES COLLECTED:

Histology taken

Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-020	CSL 4328	14 Sep 99	Stranding		4 Mile Beach, Santa Cruz County, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6 (GLG)	202	140		116	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L066C	156.1	179.8		Yes	
Kidney	NM10K067C	171.4	172.3		Yes	
Blubber	NM10B068C	166.7	175.8		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lung, trachea, heart, aorta, pulmonary artery, thymus, thyroid, tonsil, tongue, esophagus, stomach, duodenum, jejunum, ileum, colon, pancreas, spleen, liver, gall bladder, adrenal, kidney, ureter, urinary bladder, brain, spinal cord, muscle, skin, blubber, lymph nodes (submandibular, cranial cervical, gastric, sublumbar) for histology to AFIP

Liver, prepuce, lymph for tissue bank to TMMC

Tooth for aging to Sue Chivers (SWFSC)– Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-021	CSL 4331	18 Sep 99	Stranding		Morro Rock, Sanluis Obispo County, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6 (GLG)	148	58		88	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L069C	174.0	150.0		Yes	
Kidney	NM10K070C	162.8	152.1		Yes	
Blubber	NM10B071C	155.9	172.4			

ADDITIONAL SAMPLES COLLECTED:

Lung, heart, thyroid, tonsil, tongue, esophagus, stomach, ileum, colon, spleen, liver, adrenal, kidney, urinary bladder, gonad, uterus, sublumbar lymph node for histology to AFIP

Stomach for histology to R. Meisner (TMMC)

Kidney, urine for leptospirosis to TMMC

Hind flipper for bone marrow study to P. Brown (NMML)

Tooth for aging – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-022	CSL 4357	11 Oct 99	Stranding		Pier 39, San Francisco, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6 (GLG)	158	55.5		81	1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L072C	179.8	158.5		Yes	
Kidney	NM10K073C	163.6	173.8		Yes	
Blubber	NM10B074C	142.7	160.1		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lung, trachea, heart, aorta, pulmonary artery, thymus, thyroid, tonsil, tongue, esophagus, stomach, jejunum, colon, pancreas, spleen, liver, gall bladder, kidney, urinary bladder, muscle, gonad, sublumbar lymph node for histology to AFIP

Kidney for tissue bank to TMMC

Hind flipper for bone marrow study to P. Brown (NMML)

Serum for genetics to D. Smith (Texas A & M)

Tooth for aging to SWFSC – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-023	CSL 4570	7 Aug 00	Mass Stranding		Oceans Dunes, San Louis Obispo, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	13 (GLG)	172	99		95	5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L238C	157.1	148.1		Yes	
Kidney	NM11K239C	168.[illegible]	159.9		Yes	
Blubber	NM11B240C	151.4	172.6		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, muscle, heart, intestine, pancreas, skin, lymph node (submandibular) for histology to TMMC/AFIP
Tooth for aging to Sue Chivers (SWFSC)– Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-024	CSL 4592	27 Jul 00	Mass Stranding		Oceans Dunes, San Louis Obispo, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6 (GLG)	155	73		95	14
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L241C	149.5	157.9		Yes	
Kidney	NM11K242C	168.0	149.5		Yes	
Blubber	NM11B243C	167.9	158.2			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, brain stem, skin, lymph node (submaxillary) for histology to TMMC/AFIP
Tooth for aging to Sue Chivers (SWFSC) – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-025	CSL 4649	11 Sep 00	Mass Stranding		Cayucos, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	185	68		93	4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L244C	160.5	171.5		Yes	
Kidney	NM11K245C	176.4	165.9		Yes	
Blubber	NM11B246C	179.1	159.8		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (hilar), sublumbar for histology to Tom Lipscomb (AFIP)
Tooth for aging to Sue Chivers (SWFSC)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-026	CSL 4736	20 Sep 00	Mass Stranding		Pacific Grove, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6 (GLG)	218	112.5		127	11
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L247C	166.5	162.1		Yes	
Kidney	NM11K248C	169.5	174.7		Yes	
Blubber	NM11B249C	159.8	161.7		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (prescapular), sublumbar for histology to AFIP Tom Lipscomb (AFIP)
Tooth for aging to Sue Chivers (SWFSC() – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-027	CSL 4595	29 Jul 00	Mass Stranding		Ocean Beach, San Francisco, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Sub-adult	158	70		94	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L258C	167.3	154.1		Yes	
Kidney	NM11K259C	148.1	149.9		Yes	
Blubber	NM11B260C	152.7	171.2		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (axillary, sublumbar), thyroid, salivary gland, urinary bladder for histology to AFIP
Tooth for aging to Sue Chivers (SWFSC)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-028	CSL 4573	1 Aug 00	Mass Stranding		Ocean Dunes, San Louis Obispo, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	11 (GLG)	177	89		107	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L261C	132.0	155.5		Yes	
Kidney	NM11K262C	164.8	160.4		Yes	
Blubber	NM11B263C	142.5	158.1		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (submandibular, mesenteric, axillary, sublumbar), thyroid, salivary gland, urinary bladder, esophagus, trachea, tonsil, tongue, duodenum, jejunum, ileum, colon, ureter, gonad for histology to AFIP
Tooth for aging to Sue Chivers (SWFSC) – Aged by SWFSC (growth layer groups)

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-029	CSL 4669	20 Aug 00	Mass Stranding		New Brighton Beach, Santa Cruz, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4 (GLG)	172	126		115	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L264C	170.1	165.8		Yes	
Kidney	NM11K265C	146.6	154.3		Yes	
Blubber	NM11B266C	155.0	172.8		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, heart, skin, lymph node (mesenteric) for histology to Tom Lipscomb (AFIP) Tooth for aging to Sue Chivers (SWFSC) – Aged by SWFSC (growth layer groups)						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-030	CSL 4670	20 Aug 00	Mass Stranding		Santa Barbara, Guadelupo, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	10 (GLG)	161	75		96	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L267C	172	159.5		Yes	
Kidney	NM11K268C	163.2	165.1		Yes	
Blubber	NM11B269C	157.9	150.3		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, skin, lymph node (sublumbar) for histology to Tom Lipscomb (AFIP) Tooth for aging to Sue Chivers (SWFSC) – Aged by SWFSC (growth layer groups)						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-031	CSL 4851	01 Nov 00	Mass Stranding		Tunitas Creek, San Mateo County, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	14 (GLG)	183	67.5		96	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L70C	155.2	143.5		Yes	
Kidney	NM11K271C	157.2	149.5		Yes	
Blubber	NM11B272C	173.7	165.6		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (prescapular) for histology to Tom Lipscomb (AFIP) Tooth for aging to Sue Chivers (SWFSC) – Aged by SWFSC (growth layer groups) Reproduction tract, whole brain to Linda Lowenstine (UC-Davis) "T.C."						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-032	CSL 4809	14 Oct 00	Mass Stranding		Mavericks' Beach, San Mateo County, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	10 (GLG)	179	73.5		96	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L273C	180.9	174.4		Yes	
Kidney	NM11K274C	146.4	176.9		Yes	
Blubber	NM11B275C	169.7	169.3		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (prescapular) for histology to Tom Lipscomb (AFIP) Tooth for aging to Sue Chivers (SWFSC) – Aged by SWFSC (growth layer groups) "Jinx"						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-033	CSL 5455	21 Jan 03	Stranding		San Francisco, Pier 39, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈5-8	167.0	99.0		107.0	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L495C	151.6	154.6		Yes	
Kidney	NM14K496C	154.1	157.2		Yes	
Blubber	NM14B497C	157.6	157.6			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, stomach, heart, lymph node (submandibular), spleen for histology Tooth for aging						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-034	CSL 5350	30 Aug 02	Stranding		Santa Cruz County, TMMC, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	222.0	186.0		132.0	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L498C	154.0	154.5		Yes	
Kidney	NM14K499C	150.5	153.6		Yes	
Blubber	NM14B500C	166.3	153.7			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node for histology to UC-Davis Tooth for aging						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-035	CSL 5335	14 Aug 02	Stranding		Monterey County, Pacific Grove, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈3	130.0	35.5			1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L501C	150.5	161.6		Yes	
Kidney	NM14K502C	157.7	168.0		Yes	
Blubber	NM14B503C	162.2	163.0			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, pancreas, brain stem, lymph node for histology to AFIP
Tooth for aging to SWFSC

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-036	CSL 5490 Samson	24 Mar 03	Stranding		Monterey County, Pacific Grove, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8+	223	201		133	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L797C	159.5	155.6		Yes	
Kidney	NM16K798C	158.9	155.7		Yes	
Blubber	NM16B799C	165.3	151.7			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney for toxicology to TMMC
Tooth for aging to SWFSC
Muscle for physiology, J. Burns (UA)
Skull, pellet sock for education to TMMC
Vibrissae for education to Friends of the Elephant

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-037	CSL 6540 Emile	26 May 05	Stranding		Monterey County, Pacific Grove, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8+		199		131	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L800C	157.3	168.5		Yes	
Kidney	NM16K801C	160.8	153.1		Yes	
Blubber	NM16B802C	162.4	164.3			
ADDITIONAL SAMPLES COLLECTED:						
Histological samples sent to UC-Davis						

CALIFORNIA SEA LION (*Zalophus californianus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Zc-038	CSL 6555 Koa	1 June 05	Stranding		Monterey County, Pacific Grove, CA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8+	180	138.5		120	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L803C	151.3	161.5		Yes	
Kidney	NM16K804C	150.3	152.6		Yes	
Blubber	NM16B805C	157.9	157.6			
ADDITIONAL SAMPLES COLLECTED:						
Blubber, liver, bile, taken for toxicology to TMMC Skin for genetics, TMMC Bile, feces, DA testing to TMMC Multiple tissues for brucella, Mystic Aquarium-Dunn. Heart, muscle Carnitine, Wildlife Health Center Aqueous humor, CSF taken for DA testing to TMMC						

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-001	NMFS # 3960	10 Jul 96	Drift net set		George's Bank Canyon, Atlantic Ocean	39°54'/69°31'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		168			89.5	14.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L070	160.8	116.7		Yes	18 Oct 96
Kidney	NM6K071	73.2	98.7		Yes	23 Oct 96
Blubber	NM6B072	91.3	63.9			28 Oct 96

ADDITIONAL SAMPLES COLLECTED:

Skull to Smithsonian
Tissue for contaminant studies for several agencies
Tissue for histology studies for several agencies

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-002	NMFS # 3694	10 Jul 96	Drift net set		George's Bank Canyon, Atlantic Ocean	39°54'/69°31'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		208	117.9	23.5x2	106.0	18.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L073	119.1	119.4		Yes	30 Oct 96
Kidney	NM6K074	127.9	124.6		Yes	1 Nov 96
Blubber	NM6B075	87.3	95.7			4 Nov 96

ADDITIONAL SAMPLES COLLECTED:

Skull to Smithsonian
Tissue for contaminant studies for several agencies
Tissue for histology for several agencies
Parasites for T. Rowles

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-003	NMFS # 3069	5 Jul 96	Drift net set		George's Bank Canyon, Atlantic Ocean	67°20'/40°14'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		210	136.0	52	107	17
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM6L061	103.4	109.2		Yes	23 Sept 96
Kidney	NM6K062	140.3	119.3		Yes	26 Sept 96
Blubber	NM6B063	50.6	62.9			27 Sept 96

ADDITIONAL SAMPLES COLLECTED:

Skull to Smithsonian
Tissue for contaminant studies for several agencies
Tissue for histology for several agencies
Parasites for T. Rowles

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-004	MH97-594Dd	16 Nov 97	Stranding		North Falmouth, MA	39°69.5/70°37.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	220	113.4	48	106	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L161	171.2	156.7			
Kidney	NM8K162	138.9	171.7			
Blubber	NM8B163	93.2	147.9			8 Jun 98

ADDITIONAL SAMPLES COLLECTED:

Histology to WHOI - AFIP

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-005	MH97-596Dd	16 Nov 97	Stranding		North Falmouth, MA	39°69.5/70°37.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	215	113.4	50	115	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L164	153.8	136.5			
Kidney	NM8K165	144	151.8			
Blubber	NM8B166	120.9	126.7			11 Jun 98
ADDITIONAL SAMPLES COLLECTED:						
Histology to WHOI - AFIP						

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-006	MH97-597Dd	16 Nov 97	Stranding		North Falmouth, MA	39°69.5/70°37.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	198		50	104	18mm
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L167	163.6	160.7		Yes	
Kidney	NM8K168	158.8	160.2		Yes	
Blubber	NM8B169	160.1	114.8			16 Jun 98
ADDITIONAL SAMPLES COLLECTED:						
Histology to WHOI - AFIP Stomach (whole) to WHOI						

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-007	MH97-598Dd	16 Nov 97	Stranding		North Falmouth, MA	39°69.5/70°37.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	211	113.4	47	92	1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L170	173.4	180.9		Yes	
Kidney	NM8K171	160.2	145.0		Yes	
Blubber	NM8B172	146.6	121.6			19 Jun 98

ADDITIONAL SAMPLES COLLECTED:

WHOI ID #Dd97-348
Histology to WHOI - AFIP
Stomach (whole) to WHOI

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-008	MH97-599Dd	16 Nov 97	Stranding		North Falmouth, MA	39°69.5/70°37.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	208		54	109	25mm
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L173	159.4	160.3		Yes	
Kidney	NM8K174	160.4	134.8		Yes	
Blubber	NM8B175	128.2	156.3		Yes	23 Jun 98

ADDITIONAL SAMPLES COLLECTED:

WHOI ID #97-348
Histology to WHOI - AFIP
Stomach (whole) to WHOI

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-009	MH97-600Dd	16 Nov 97	Stranding		North Falmouth, MA	39°69.5/70°37.22
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	208	113.4	50	118	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L176	163.6	163.0		Yes	
Kidney	NM8K177	163.8	156.1		Yes	
Blubber	NM8B178	136.2	129.8		Yes	24 Jun 98

ADDITIONAL SAMPLES COLLECTED:

WHOI ID #Dd-97-350
Histology to WHOI - AFIP
Stomach (whole) to WHOI

COMMON DOLPHIN *(Delphinus delphis)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-010	MH98-433Dd	29 Jan 98	Stranding		Wellfleet, MA	41°55/70°04
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult			50	126	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L264	126	102.3			
Kidney	NM8K265	105.3	100.6			
Blubber	NM8B266	95.5	102.2			

ADDITIONAL SAMPLES COLLECTED:

Field Number - Orange 81

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-011	VMSM981025	29 Jun 98	Stranding		Beaufort, NC	37°1379/77°972
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	210.5	100.8	50	100	6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L279	144	132		Yes	
Kidney	NM8K280	118	116		Yes	
Blubber	NM8B281	69	106		Yes	24 Jun 98
Muscle	NM8M282	118	126			

ADDITIONAL SAMPLES COLLECTED:

Histology to AFIP

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-012	MH-99-742Dd		Stranding		W. Falmouth, MA	41°36.31'/70°38.40'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	215		27 x 2	116	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L084C	167.35	187.14*		Yes	
Kidney	NM10K085C	165.33	167.15		Yes	
Blubber	NM10B086C	153.53	148.48			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to NEA - AFIP
Tooth for aging to NEA
*Liver 'B' is mislabeled as MH-99-442Dd

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-013	VMSM 2001 1030		Stranding		False Cape VA State Park	36°58.052'/75°87.826'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		223	112.7	51	102	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L330C	125.0	122.0		Yes	
Kidney	NM12K331C	122.0	181.0		Yes	
Blubber	NM12B332C	112.0	111.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-014	PTM 135	1 Feb 01	Stranding		The Cape Point/Southside, NC	35°21.916'/75°52.89'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		203	83	45	96	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L339C	118.0	132.0		Yes	
Kidney	NM12K340C	139.0	152.0		Yes	
Blubber	NM12B341C	94.0	100.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology
Stomach contents collected

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-015	VMSM 2003 1051	18 Jun 03	Stranding		Virginia Beach	36.7583/75.9500'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6 (GLG)	183	66.81	42.5	89	11
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM14L526C	124	94		Yes	
Kidney	NM14K527C	123	125		Yes	
Blubber	NM14B528C	97	77		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lung, adrenals, stomach, heart, intestine, pancreas, lymph nodes (lung and mesenteric), spleen, mammary, bladder, repro.
Teeth for age determination to Christine Lockyer (Age Dynamics) - aged tooth in 2005

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-016	VMSM 2003 1099	7 Dec 03	Stranding		York River, VA	37.26804 / 76.42568
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	202	86	50.0	99.0	1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L556C	135	177		Yes	
Kidney	NM15K557C	107	104		Yes	
Blubber	NM15B558C	130	144		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, pancreas, spleen, blubber, adrenals, thymus, stomach, brain, heart, muscle, skin, lymph nodes (prescapular, mesenteric) for histology
Teeth, skin, skull, reproductive tract, testes, parasites (phyllobothrium and monorygma), stomach to UNCW

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-017	VMSM 2004 1020	19 Apr 04	Stranding		Northampton County, VA	37.1484795 / 75.9752960
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	232	132	51.0	111.0	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L589C	123	156		Yes	
Kidney	NM15K590C	156	171		Yes	
Blubber	NM15B591C	110	115		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, kidney, pancreas, spleen, blubber, adrenals, brain, colon, heart, muscle, intestine, skin, testis, epididymis, lung, lymph, aortic lymph, penis, lymph nodes (prescapular, pancreatic, colonic, mesenteric) for histology

Epaxial muscles, sternohoid, scalenes, rectus abdominus, diaphragm, for scientific research to T. Romano

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-018	04-699-Dd	15 Nov 04	Mass Stranding		Nantucket, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	224.8	90.72	53.5	101.2	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L712C	176	178		Yes	
Kidney	NM15K713C	144	162		Yes	
Blubber	NM15B714C	151	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, lung, adrenals, muscle, skin, trachea, spleen, thyroid, esophagus, testes, parathyroid, muscle, cervical lymph node for histology to NEA

Teeth, skin, testes to NEA

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-019	04-218-Dd	30 Nov 04	Mass Stranding/Euthanized		Barnstable, Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/calf	139.2	31.75	24.5	71.8	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L715C	175.0	167.0		Yes	
Kidney	NM16K716C	111.0	118.0		Yes	
Blubber	NM16B717C	150.0	150.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, pancreas, adrenals, muscle, skin, trachea, spleen, thymus, colon, esophagus, diaphragm, bladder, testis, peduncle, lesion, lymph nodes (prescapular, mesenteric, tracheobronchial) for histology to CCSN
Teeth for aging to CCSN
Skin for genetics to CCSN
Skull to Tom French
Gonads/testes, stomach to CCSN
Blubber, muscle for contaminants to CCSN
Lung, lymph node, spleen for Morbillivirus to CCSN

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-020	04-219-Dd	30 Nov 04	Mass Stranding/Euthanized		Barnstable, Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	169.0	54.4	36.0	89.0	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L718C	175.0	175.0		Yes	
Kidney	NM16K719C	159.0	156.0		Yes	
Blubber	NM16B720C	150.0	150.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, lung, pancreas, adrenals, muscle, skin, trachea, spleen, esophagus, diaphragm, bladder, milk, lymph nodes (prescapular, mesenteric, tracheobronchial) for histology to CCSN
Teeth for aging to CCSN
Skin for genetics to CCSN
Skull to Tom French
Mammary tissue/milk to CCSN
Blubber, muscle, liver, kidney for contaminants to CCSN
Lung, lymph node, spleen, blood for Morbillivirus to CCSN

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-021	VAQS20051007	1 Mar 05	Single Stranding		Yorktown, VA	37.21212/76.46642
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	222	130	54	108	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L737C	142	143		Yes	
Kidney	NM16K738C	148	163		Yes	
Blubber	NM16B739C	106	85		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, brain, trachea, prescapular lymph nodes, mesenteric lymph nodes for histology to UNCW/UTenn
Teeth, skin, skull, repro tract, testes, blubber, muscle, lipid for UNCW

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-022	CCSN05-234-Dd	19 Oct 05	Mass stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	210	99.76	49.8	107	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L818C	166	163		Yes	
Kidney	NM16K819C	154	158		Yes	
Blubber	NM16B820C	151	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, adrenals, muscle, skin, trachea, spleen, colon, esophagus, lymph nodes (prescapular, axillary, hilar, mesneteris) for histology to CCSN
Teeth to CCSN
Skin to CCSN
Skull to T. French

COMMON DOLPHIN (*Delphinus delphis*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dd-023	CCSN05-235-Dd	19 Oct 05	Mass stranding		Wellfleet, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	233	113	51.0	107	1.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L821C	172	168		Yes	
Kidney	NM16K822C	174	170		Yes	
Blubber	NM16B823C	153	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, adrenals, muscle, skin, trachea, spleen, colon, esophagus for histology to CCSN
Teeth to CCSN
Skin to CCSN
Skull to T. French

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-001	MH-97-428Cc	4 Feb 97	Stranding		Hull, MA	42°17.46'/70°52.45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	104			70	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L097	111.9	145.9		Yes	
Blubber	NM7B098	121.0	122.1			14 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Bladder, uterus, kidney, liver, spleen, heart, adrenal for histology to NEA
Tooth, jaw for aging

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-002	MH-97-455Cc	5 Mar 97	Stranding		Gloucester, MA	42°38.32'/70°41.13'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	108			74	1.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L103	147.1	141.7		Yes	
Blubber	NM7B104	121.3	158.3			14 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Lung, adrenal, liver, kidney to NEA for histology

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-003	MH-97-461Cc	8 Mar 97	Stranding		Plymouth, MA	41°58'/70°40'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	108	38.6		75	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L109	160.4	135.1		Yes	
Blubber	NM7B110	157.7	159.1			15 Jul 98
ADDITIONAL SAMPLES COLLECTED:						
Lung, liver, kidney, adrenal to NEA for histology						

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-004	MH98-432Cc	26 Feb 98	Stranding		Rockport, MA	42°39.6/70°36.43
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	102	29.5		Yes	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L197	186.7	185.7		Yes	
Kidney	NM8K198	164.3	163.2		Yes	
Blubber	NM8B199	122.5	220.9			
ADDITIONAL SAMPLES COLLECTED:						
Histology to NEA						

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-005	MH-98-536Cc	26 Feb 98	Stranding		Swampsco, MA	42°28.03/70°54.60
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	100	34.0		75	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L200	126.3	115.9			
Kidney	NM8B201	106.5	100.1			
Blubber	NM8B202	87.3	110.0			
ADDITIONAL SAMPLES COLLECTED:						

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-006	MH-98-542Cc	26 Feb 98	Stranding		Moon Island, MA	42°18.46'/70°59.39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	100	29.5		80	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L203	144.5	144.2		Yes	
Kidney	NM8K204	132.2	114.2		Yes	
Blubber	NM8B205	122.4	158.2			
ADDITIONAL SAMPLES COLLECTED:						
Histology to NEA						

HOODED SEAL ***(Cystophora cristata)***

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-007	MH98-625Cc	29 Apr 98	Stranding		Deer Island, MA	42°20.77/70°57.17
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	104	31.5		106	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L310	181.8	129.6			
Kidney	NM8K311	145.1	141.2			
Blubber	NM8B312	188.9	147.4			
ADDITIONAL SAMPLES COLLECTED:						
Histology taken for NEA						

HOODED SEAL ***(Cystophora cristata)***

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-008	MH99-412	20 Jan 99	Stranded		Plum Island, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	100			76	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L366	166.87	178.50		Yes	
Kidney	NM10K367	101.17	109.26			
Blubber	NM10B368	139.51	161.35			
ADDITIONAL SAMPLES COLLECTED:						
Liver, lung for histology to NEA						

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-009	MH99-411Cc	19Jan 99	Stranding		Halibut Pt., Rockport, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	109	36.28		81	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L369	162.38	160.9		Yes	
Kidney	NM10K370	165.21	153.84			
Blubber	NM10B371	149.78	156.35			
ADDITIONAL SAMPLES COLLECTED:						
Liver taken for histology for NEA/Tufts						

HOODED SEAL *(Cystophora cristata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-010	MH99-428Cc	31Jan 99	Stranded		Sagamore, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	100	34.0		70	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L372	162.8	157.74		Yes	
Kidney	NM10K373	174.26				
Blubber	NM10B374	169.27	154.52			
ADDITIONAL SAMPLES COLLECTED:						
Liver, lung and heart taken for histology for NEA/Tufts						

HOODED SEAL (*Cystophora cristata*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-011	MH-99-509Cc	18 Mar 99	Stranding		Good Harbor Beach, Gloucester, MA	42°37.171/70°37.870
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	12-18 mo	103	38.56		75	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L075C	137.01	173.03			
Kidney	NM10K076C		179.61			
Blubber	NM10B077C	173.65	155.08			
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to NEA						

HOODED SEAL (*Cystophora cristata*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-012	MH-98-588Cc	20 Mar 98	Stranding		Pleasant Bay, S. Boston, MA	42°19.877'/71°00.886'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	115			75	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L148C	155.5	140.92		Yes	
Kidney	NM11K149C	119.45	111.65		Yes	
Blubber	NM11B150C	166.1	147.95		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, stomach, heart for histology to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-013	MH-00-436Cc	13 Feb 00	Stranding		Plum Island, Newberry Port, MA	42°42.13'/71°46.18'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 1 year	105	29.48		77.5	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L199C	160.33	135.82			
Kidney	NM11K200C	69.61	126.55			
Blubber	NM11B201C	145.27	155.28			
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-014	MH-00-431Cc	12 Feb 00	Stranding		Good HarborBeach, Gloucester, MA	42°37.13'/70°37.87'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	104	34.02			1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L205C	160.39	151.74			
Kidney	NM11K206C	137.9	85.12			
Blubber	NM11B207C	164.8	162.11			
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-015	MH-99-435Cc	7 Feb 00	Stranding		Saulisbury, MA	42°51.93'/70°49.04'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2 year	113	47.63		82	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L217C	179.89	173.34			
Kidney	NM11K218C	127.8	120.49			
Blubber	NM11B219C	151.6	157.6			
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-016	MH-99-446Cc	15 Feb 99	Stranding		Short Beach, Revere, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈1 year	107	38.55		82	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L220C	107.9	122.05		Yes	
Kidney	NM11K221C	118.76	102.37		Yes	
Blubber	NM11B222C	165.24	156.69			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, heart for histology to NEA Tooth for aging to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-017	MH-98-580Cc	15 Mar 98	Stranding		Rivenore Beach, Scituate, Ma	42°13'/70°44'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	102	36.29		78	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L226C	123.93	129.52			
Kidney	NM11K227C	129.33	109.4			
Blubber	NM11B228C	178.11	180.38			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging to NEA

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-018	MH-00-439Cc	17 Feb 00	Stranding		Ipswich, MA	42°40.95'/70°44.48'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	108	31.75		79	2.25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L232C	163.29	145.11			
Kidney	NM11K233C	172.69				
Blubber	NM11B234C	169.35	166.99			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging to NEA
Blubber 'B' thawed during shipment to NBSB

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-019	MH-99-447Cc	14 Feb 99	Stranding		Deer Island, Winthrop, MA	42°21.17'/70°57.36'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	105	≈36		73	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L235C	171.05	179.86			
Kidney	NM11K236C	195.68				
Blubber	NM11B237C	168.39	175.11			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, brain stem for histology to NEA
Tooth for aging to NEA
Blubber 'B' thawed during shipment to NBSB

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-020	MH-98-563Cc	7 Mar 98	Stranding		Weymouth, MA	42°15'/70°56.11'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	115	≈85		75	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L315C	146.05	164.31		Yes	
Kidney	NM12K316C	124.23	145.11		Yes	
Blubber	NM12B317C	183.39	143.68			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, heart, lymph nodes for histology to NEA
Tooth for aging to NEA
Samples thawed during shipment to NBSB

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-021	MH-98-555Cc	28 Feb 98	Stranding		Pompanessett Beach, Mashpee, MA	41°39'/70°29'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	100	85		75	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L318C	146.05	164.31			
Kidney	NM12K319C	124.23	145.11			
Blubber	NM12B320C	183.39	143.68			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging to NEA
Samples thawed during shipment to NBSB

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-022	MH-00-433Cc	16 Feb 00	Stranding		Kittery, Spruce Creek, MA	43°05.287'/70°43.417'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling		33.1		82	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM12L321C	167.04	152.15		Yes	
Kidney	NM12K322C	82.09	140.54		Yes	
Blubber	NM12B323C	159.98	161.52			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals, heart, brain stem, lymph nodes for histology to NEA
Tooth for aging to NEA
Samples Liver 'B' and Kidney 'B' thawed during shipment to NBSB

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-023	MH-02-469Cc	19 Feb 02	Stranding		Lynn, MA	42°27'/70°56'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈1 year	106	34.0		79	2.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L366C	162.0	165.5		Yes	
Kidney	NM13K367C	98.0	96.5		Yes	
Blubber	NM13B368C	155.0	150.5		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, muscle, stomach, heart, intestine, pancreas, brain, skin, lymph nodes for histology to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-024	MH-01-457Cc	6 Feb 01	Stranding		Gloucester, MA	42°36'/70°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	105	40.8		75	1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L393C	146.76	153.19			
Kidney	NM13K394C	135.63	164.78			
Blubber	NM13B395C	164.44	152.5			
ADDITIONAL SAMPLES COLLECTED:						
Tooth and stomach to NEA						

HOODED SEAL (*Cystophora cristata*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Cc-025	05-045-Cc	16 Feb 05	Single Stranding		E. Sandwich, MA	41.739500/70.380833
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	107.4	35.8		83.2	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L752C	168	162		Yes	
Kidney	NM16K753C	133	127		Yes	
Blubber	NM16B754C	158	153		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, stomach, brain, colon, heart, muscle, thyroid, intestine, skin, esophagus, bladder, salivary gland, lymph nodes (submandibular, presapular, axillary, hilar, mesenteric) for histology to CCSN
Teeth, skin, stomach to CCSN
Skull to T. French
Blubber, skin to NEA

HARBOR SEAL *(Phoca vitulina)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-001	MH-97-430Pv	5 Feb 97	Stranding		Nantucket, MA	41°17'/70°05'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	85	39.6		56	1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L099	151	121.8		Yes	
Blubber	NM7B100	146.2	144.8			3 Aug 98
ADDITIONAL SAMPLES COLLECTED:						
Histology samples taken for NEA						

HARBOR SEAL *(Phoca vitulina)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-002	MH097-503Pv	26 May 97	Stranding		Rockport, MA	42°40'/70°37'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	144	45.4		88	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L127	160.21	140.99		Yes	
Blubber	NM7B128	149.50	149.20			6 Aug 98
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA Tooth for aging						

HARBOR SEAL *(Phoca vitulina)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-003	MH-97-576Pv	9 Nov 97	Stranding		Scituate, MA	42°11.147'/70°43'.098
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7 mo	94	24.9		47	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L187	148.4	120.4			
Kidney	NM8K185	156.5				
Blubber	NM8B186	111.3				
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

HARBOR SEAL *(Phoca vitulina)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-004	MH98-663Pv	28 Jun 98	Stranding		Yarnarth, ME	43°47.68/70°10.21
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	135	65		77	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L292	171.2	163.9			
Kidney	NM8K293	152.0	51.0			
Blubber	NM8B294	141.1	154.1			
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

HARBOR SEAL *(Phoca vitulina)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-005	MH98-628Pv	3 May 98	Stranding		Swampsco, MA	42°23.9'/70°54'.5
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1-3	102	29.5			2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L298	178.2	164.0			
Kidney	NM8K299	93.2	97.9			
Blubber	NM8B300	155.6	150.6			
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

HARBOR SEAL *(Phoca vitulina)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-006	MH98-590Pv	22 Mar 98	Stranding		Rockport, MA	42°39.03/70°35.69
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	10 mo	102	27.6		62	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L301	134.7	183.7		Yes	
Kidney	NM8K302	125.3	117.1			
Blubber	NM8B303	125.5	155.6			
ADDITIONAL SAMPLES COLLECTED:						
Liver, lung, adrenal, brain, spleen taken for histology to NEA						

HARBOR SEAL *(Phoca vitulina)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-007	MH98-601Pv	5 Apr 98	Stranding		Barnstable, MA	42°9.'/70°16
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	142	66.9		104	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L307	178.4	126.8			
Kidney	NM8K308	164.2	149.3			
Blubber	NM8B309	121.7	125.4			
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

HARBOR SEAL *(Phoca vitulina)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-008	MH98-425Pv	8 Feb 98	Stranding		Portland, ME	43°38.8/70°15.30
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		147	90.7		115	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L313	148.5	155.4		Yes	
Kidney	NM8K314	175.2	185.2		Yes	
Blubber	NM8B315	122.1	143.5			
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

HARBOR SEAL (*Phoca vitulina*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-009	MH-99-571Pv	23 Mar 99	Stranding		Rockport, MA	42°39.72'/70°36.66'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	100	29.48		65.5	.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L017C	170.3	174.18			
Kidney	NM10K018C	161.9	67.41			
Blubber	NM10B019C	153.17	166.18			
ADDITIONAL SAMPLES COLLECTED:						

HARBOR SEAL (*Phoca vitulina*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-010	MH-02-691Pv	8 Jul 02	Stranding		Nantasket Beach, Hull, MA	42°16'/70°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/weaner	77.5	≈13.5			0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L432C	149.5	146.0		Yes	
Kidney	NM13K433C	86.0	81.5		Yes	
Blubber	NM13B434C	109.5			Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, stomach, heart, intestine, pancreas, lymph nodes (hilar, mesenteric, mandibular) for histology Stomach collected						

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-011	MH-02-680Pv	25 Jun 02	Stranding		Swampscott, MA	42°28'/70°54'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	137	≈65.0		86.4	0.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L435C	145.8	140.0		Yes	
Kidney	NM13K436C	142.0	140.0		Yes	
Blubber	NM13B437C	110.7			Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, stomach, heart, intestine, pancreas, skin, lymph nodes for histology
Stomach collected

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-012	MH-02-778Pv	20 Nov 02	Stranding		Nantasket Beach, Hull, MA	42°299'/70°879'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	93.0	18.0		56.5	1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L658C	138.0	121.0		Yes	
Kidney	NM15K659C	88.0	93.0		Yes	
Blubber	NM15B660C	125.0	123.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, stomach, heart, intestine, lymph nodes (sub scapular, lung, intestinal) for histology

HARBOR SEAL (*Phoca vitulina*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-013	MH-03-476Pv	17 May 03	Stranding		LongBeach, Nalent, MA	42°26.47'/70°36.34'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	130.0	54.5		92.0	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L673C	150.4	150.0		Yes	
Kidney	NM15K674C	150.4	150.1		Yes	
Blubber	NM15B675C	151.0	150.6			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (thoracic, pelvic, mesenteric) for histology						

HARBOR SEAL (*Phoca vitulina*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-014	MH-03-594Pv	22 Sep 03	Stranding		NE Region	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	144.0	55.83		91.0	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L679C	153.9	152.4		Yes	
Kidney	NM15K680C	153.3	150.6		Yes	
Blubber	NM15B681C	149.9	152.9		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin for histology Stomach to B. Rubenstein (NEA)						

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-015	MH-00-819Pv	28 Dec 00	Euthanized		Sandwich, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		103.0	34.04		63.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L685C	146.08	149.41		Yes	
Kidney	NM15K686C	94.81	80.34		Yes	
Blubber	NM15B687C	155.0	162.71		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber for histology

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-016	DO 8166 Pv	20 Nov 05	Incidental Take, Fisheries		MA Bay, MA	42.847681/-70.267876
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		114	60		70	2.5 (dorsal)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L875C	158.83	155.26		Yes	No
Kidney	NM16K876C	111.13			Yes	No
Blubber	NM16B877C	143.41	156.5		No	No

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, trachea, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, colon, thyroid, esophagus, pituitary, lymph nodes (submandibular, prescapluar, hilar) testes for histology
Teeth, skin, reproductive tract, stomach

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pv-017	DO 8551 Pv	14 Dec 05	Incidental Take, Fisheries		Atlantic Ocean, MA	41.19083/-71.13694
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		98	55		67	1.5 (dorsal)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM16L878C	171.3	161.8		Yes	No
Kidney	NM16K879C	180.7			Yes	No
Blubber	NM16B880C	140.8	149.3		No	No

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, trachea, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, thyroid, esophagus, lymph nodes (hilar & mesenteric) for histology

Teeth, skin, reproductive tract, ovaries, parasites, stomach

RINGED SEAL *(Phoca hispida)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ph-001	MH-97-431Ph	2/6/97	Stranding		Corea, ME	44°23.96'/67°58.36'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	75	10.5		55	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L101	107.2	137.8		Yes	29 Apr 98
Blubber	NM7B102	129.2	158.7			26 May 98

ADDITIONAL SAMPLES COLLECTED:

Histology for NEA

HARP SEAL *(Phoca groenlandica)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-001	MH-97-460Pg	3/7/97	Stranding		Quincy, MA	42°16'/71°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Young adult	154	65.7		90	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L105	128.1	149.2		Yes	
Blubber	NM7B106	136.7	161.0			16 Jul 98
ADDITIONAL SAMPLES COLLECTED:						
Lung, liver, adrenal, kidney for histology to NEA						

HARP SEAL *(Phoca groenlandica)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-002	MH-97-469Pg	18 Mar 97	Stranding		Beverly, MA	42°33'/70°51'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	104	31.8		80	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L111	166.8	161.1			
Blubber	NM7B112	154.4	153.4			22 Jul 98
ADDITIONAL SAMPLES COLLECTED:						
Jaw for aging						

HARP SEAL *(Phoca groenlandica)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-003	MH-97-483Pg	8 April 97	Stranding		Scituate, MA	42°12.661'/70°43'.789
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	117	36.3		88	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L116	151.47	168.84		Yes	
Blubber	NM7B117	157.47	148.28			23 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Histology for NEA
GI contents collected
Tooth for aging

HARP SEAL *(Phoca groenlandica)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-004	MH-97-629Pg	22 Dec 97	Stranding		Revere, MA	42°25.8/70°59.0
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	+5	155	74.8		100	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L182	162.0	156.9			
Kidney	NM8B183	160.8	163.0			
Blubber	NM8B184	156.0	156.1			

ADDITIONAL SAMPLES COLLECTED:

Histology to NEA
Reproductive organs, lymph nodes, lung for virus isolation

HARP SEAL *(Phoca groenlandica)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-005	MH-98-402Pg	6 Jan 98	Stranding		Popham Beach, ME	43°45.16'/69°47'.20
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	10 mo	108	27.2		73	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L188	153.8	149.0		Yes	
Kidney	NM8K189	172.0			Yes	
Blubber	NM8B190	123.7	143.8			

ADDITIONAL SAMPLES COLLECTED:

Histology for NEA

Lung, liver, G.I. lymph nodes, reproductive organs to USDA

HARP SEAL *(Phoca groenlandica)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-006	MH-98-403Pg	9 Jan 98	Stranding		Sandwich, MA	41°46.425'/70°29.585'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	106	31.7		71	1.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L191	156.7	163.6			
Kidney	NM8K192	153.0	60.3			
Blubber	NM8B193	155.9	147.8			

ADDITIONAL SAMPLES COLLECTED:

Jaw for aging

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-007	MH-98-545Pg	26 Feb 98	Stranding		Buzzards Bay, MA	41°44.44'/70°37'.04
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	97	29.5		67	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L206	173.9	130.6			
Kidney	NM8K207	87.5	86.6			
Blubber	NM8B208	153.1	129.7			
ADDITIONAL SAMPLES COLLECTED:						

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-008	MH-99-448Pg	17 Feb 99	Stranding		Plymouth, MA	41°57.72'/70°38.37'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	106	27.22		76	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L008C	140.6	102.51			
Kidney	NM10K009C	89.65	106.19			
Blubber	NM10B010C	159.59	197.0			
ADDITIONAL SAMPLES COLLECTED:						
Lung, adrenal for histology to NEA						

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-009	MH-99-461Pg	24 Feb 99	Live Stranding		Chipman's Cove, Wellfleet, MA	41°55.5'/70°01.4'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	12-18 mo.	112	36.29		90	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L093C	171.22	176.82			
Kidney	NM10K094C	119.23	125.61			
Blubber	NM10B095C	164.62	163.69			

ADDITIONAL SAMPLES COLLECTED:

Lung, adrenals for histology to NEA
Tooth for aging to NEA

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-010	MH-99-475Pg	3 Mar 99	Stranding		Shore Dr., W. Yarmouth, MA	41°38.409'/70°12.727'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	12-18 mo.	101			70	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM10L078C	179.31	176.86		Yes	
Blubber	NM10K079C	106.66	105.35		Yes	
Kidney	NM10B080C	164.72	155.38			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, adrenals for histology to NEA
Tooth for aging to NEA

HARP SEAL (*Phoca groenlandica*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-011	MH-98-584Pg	17 Mar 98	Stranding		Hyansport, MA	41°37.52'/70°19.02'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Young of Year	100	27.2		70	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L145C	161.25	152.96		Yes	
Kidney	NM11K146C	88.49	108.86		Yes	
Blubber	NM11B147C	164.27	133.16			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals for histology to NEA Tooth for aging to NEA						

HARP SEAL (*Phoca groenlandica*)						
ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-012	MH-99-433Pg	8 Feb 99	Stranding		Craigville Beach, Centerville, MA	41°37.94'/70°21.42'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1-3 years	107	38.56		77	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L214C	162.35	177.72			
Kidney	NM11K215C	120.1	120.04			
Blubber	NM11B216C	166.09	159.34			
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to NEA						

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-013	MH-98-579Pg	15 Mar 98	Stranding		Revere Beach, Revere, MA	42°25.6'/70°58.73'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Yearling	117.5	34		75	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L223C	172.78	141.43		Yes	
Kidney	NM11K223C	165.53	158.17		Yes	
Blubber	NM11B225C	172.74	119.81			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lung, adrenals, stomach, heart, pancreas, brain stem for histology to NEA Tooth for aging to NEA						

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-014	MH-99-436Pg	7 Feb 99	Stranding		Sausbury Beach, MA	42°50.39'/70°48.98'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Yearling	106	31.75		75	0.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM11L229C	162.33	186.29			
Kidney	NM11K230C	125.79	108.25			
Blubber	NM11B231C	163.84	160.71			
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to NEA						

HARP SEAL (*Phoca groenlandica*)

ANIMAL ID NO.	FIELD ID. NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Pg-015	MH-02-529Pg	10 Mar 02	Stranding		Cresent Beach, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈1 year	102	26.8		74	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM13L375C	133	142		Yes	
Kidney	NM13K376C	105	97		Yes	
Blubber	NM13B377C	161	158		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (mandibular, axillary) for histology						

GREY SEAL (*Halichoerus grypus*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Hg-001	MH-97-484Hg	8 April 97	Stranding		Nantucket, MA	41°22'/70°01'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	106	34.0		67	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L118	154.77	165.38		Yes	
Blubber	NM7B119	164.67	152.27			5 Jun 98
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

GREY SEAL (*Halichoerus grypus*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Hg-002	MH-97-491Hg	10 May 97	Stranding		Nantucket, MA	41°22'/70°01'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	102	31.8		74	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L120	153.13	170.78		Yes	
Blubber	NM7B121	164.34	150.78			3 Jun 98
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

GREY SEAL *(Halichoerus grypus)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Hg-003	MH-97-493Hg	11 May 97	Stranding		Nantucket, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	104	34.0		80	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM7L122	162.97	141.19		Yes	
Blubber	NM7B123	149.16	151.94			2 Jun 98
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

FIN WHALE (*Balaenoptera physalus*)

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Bp-001	MH-97-531Bp	4 Aug 97	Stranding		Eastham, MA	41°52.520/70°00.569
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	13140		360		4.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver						
Kidney						
Blubber	NM8B136	159.1	148.8		Yes	

ADDITIONAL SAMPLES COLLECTED:

Histology for NEA - AFIP

BLAINVILLE'S BEAKED WHALE *(Mesoplodon densirostris)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Md-001	WAM 593	28 Jan 04	Stranding		Kure Beach, NC	34°01.00 / 77°54.30
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	423		112	211.4	40
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L559C	119	132		Yes	
Kidney	NM15K560C	138	139		Yes	
Adipose	NM15B561C	79	82		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, lung, trachea, reproductive tract, kidney, pancreas, spleen, blubber, adrenals, colon, heart, muscle, intestine, and prescapular, mesenteric, and colonic lymph nodes for histology

Teeth, skin, skull, testes, stomach to UNCW

Large sample of blubber for future reference material to NIST

MINKE WHALE *(Balaenoptera acutorostrata)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Ba-001	03-489Ba	31 May 03	Euthanized		Martha's Vineyard, MA	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile			103.5	198.1	3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L688C	167.0	167.0		Yes	
Kidney	NM15K689C	154.0	154.0		Yes	
Adipose	NM15B690C	153.0	154.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver,kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (pancreatic, pelvic) for histology to Sal Fresca (Univ. of Conn.)

Stomach for analysis

NORTH ATLANTIC RIGHT WHALE (*Eubalaena glacialis*)						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Eg-001	RKB1457	4 Feb 2004	Stranding		Amelia Island, FL	30.591667 / 81.441667
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Calf	478	7495			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L568C	NA	NA			
Kidney	NM15K569C	NA	NA			
Adipose	NM15B570C	NA	NA			
ADDITIONAL SAMPLES COLLECTED:						
Head was removed and frozen for future examination using CT scan to Univ. Florida 13.83 kg of blubber collected for future QA Material to NIST						

BELUGA WHALE *(Delphinapterus leuca)*

ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
DI-001	04-513-DI	15 Nov 04	Stranding		Portland, ME	43.644300 / -70.247267
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	264	660	69	324	35
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM15L709C	165	164		Yes	
Kidney	NM15K710C	178	171		Yes	
Blubber	NM15B711C	163	154		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, colon, thyroid, esophagus, skin lesions, fecal, testis, lymph nodes (mesenteric, thoracic, intestinal, mediastinal, pharyngeal) for histology to NEA, AFIP, and UConn
Skin, liver, muscle, blubber for heavy metals to Joanna Wilson (WHOI)
Teeth, skin, skull to Shore lab
Testes to NEA
Stomach to Jim Craddock
Mediastinal lymph node for Morbilivirus, brucella
Urine for biotoxins
UME – urine and feces, head – CT scan

LEATHERBACK TURTLE *(Dermochelys coriacea)*						
ANIMAL ID NO.	FIELD ID NO.	DATE	ACQUIRED FROM		LOCATION	LAT / LONG
Dc-001	MH-97-609Dc	19 Nov 97	Stranding		Bourne, MA	41°44.10/70°37.31
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	136.8	267.6			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	NM8L179	172.7	172.9			
Kidney	NM7K180	157.3	173.4			
Adipose	NM8B181	156.8	149.3			
ADDITIONAL SAMPLES COLLECTED:						
Histology for NEA						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-001		11 July 88			Chukchi Sea, Barrow	71°19'\156°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	99.0	19.5		60	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L021	187.5	163.5		Yes	
Kidney	MM2K022	64.5	69.0		Yes	
Blubber	MM2B023	121.0	137.0			

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver, muscle to NWFSC, ECD, NMFS
Stomach content to ADF&G, NOAA Warehouse, Anchorage, AK
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-002		11 July 88			Chukchi Sea, Barrow	71°19'\156°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	75.0	12.7		48	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L024	120.5	129.5		Yes	1 May 95
Kidney	MM2K025	45.0	42.0		Yes	
Blubber	MM2B026	70.0	78.00			12 Mar 99

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver, muscle to NWFSC, ECD, NMFS, Seattle, WA
Stomach content to ADF&G, NOAA Warehouse
Histology samples to NOS, OAD, NOAA
Histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-003		11 July 88			Chukchi Sea, Barrow	71°19'\156°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	118.0	35.4		70	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L027	155.0	150.0		Yes	
Kidney	MM2K028	110.0	113.0		Yes	
Blubber	MM2B029	98.0	113.0			

ADDITIONAL SAMPLES COLLECTED:
Bile, liver, muscle to NWC, ECD, NMFS
Stomach content to ADF&G, NOAA Warehouse
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-004		11 July 88			Chukchi Sea, Barrow	71°19'\156°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	108.0	32.2		84	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L030	154.0	187.0		Yes	27 Feb 89
Kidney	MM2K031	106.0	113.0		Yes	6 Mar 89
Blubber	MM2B032	98.3	98.9			13 Mar 89

ADDITIONAL SAMPLES COLLECTED:
Bile, liver, muscle to NWC, ECD, NMFS Seattle, WA
Stomach content to ADF&G, NOAA Warehouse
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-005		11 July 88			Chukchi Sea, Barrow	71°19'\156°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	48.0	15.4		63	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L033	127.0	130.6		Yes	
Kidney	MM2K034	48.0	49.0		Yes	
Blubber	MM2B035	141.4	150.2			13 Mar 99

ADDITIONAL SAMPLES COLLECTED:

Bile, liver, muscle to NWC, ECD, NMFS Seattle, WA
Stomach content to ADF&G, NOAA Warehouse
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-006		12 July 88			Chukchi Sea, Barrow	71°19'\156°50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	#1	88.0	15.4		58	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L036	129.3	128.8		Yes	
Kidney	MM2K037	54.5	58.0		Yes	
Blubber	MM2B038	102.6	118.6			7 Apr 99

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver, muscle to NWC, ECD, NMFS Seattle, WA
Histology samples to NOS, OAD, NOAA
Histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-007		12 July 88			Chukchi Sea, Barrow	71°23'\156°32'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	94.0	23.1		75	2.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L039	165.6	162.5		Yes	
Kidney	MM2K040	86.6	84.8		Yes	
Blubber	MM2B041	138.5	133.6			

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver, muscle to NWC, NMFS Seattle, WA
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-008		13 July 88			Chukchi Sea, Barrow	71°23'\156°32'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	104.0	23.1		63.5	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L042	154.2	168.6		Yes	22 Feb 89
Kidney	MM2K043	89.5	95.5		Yes	28 Feb 89
Blubber	MM2B044	129.2	131.0			7 Mar 89

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver, muscle to NWC, NMFS Seattle, WA
Stomach content to NOAA Warehouse
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-009		14 July 88			Chukchi Sea, Barrow	71°22'\156°37'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	#1	75.0	15.0		63	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L045	128.1	130.8		Yes	8 May 95
Kidney	MM2K046	46.6	47.6		Yes	
Blubber	MM2B047	86.9	94.1			

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver, muscle to NWC, NMFS Seattle, WA
Stomach content to NOAA Warehouse
Teeth, histology samples to NOS, OAD, NOAA
Histology samples moved from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-010		14 July 88			Chukchi Sea, Barrow	71°22'\156°37'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2	98.0	25.4		83.5	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM2L048	168.5	146.7		Yes	4 Oct 99
Kidney	MM2K049	78.4	76.4		Yes	
Blubber	MM2B050	146.7	161.0			19 Apr 99

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, liver to NWC, NMFS Seattle, WA
Teeth, histology samples to NOS, OAD, NOAA
Teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID N0.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-011		26 May 89			Bering Sea, Norton Sound, Nome	64°19'\165°15'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	119.5	33.6		82.5	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L054	142.2	147.0		Yes	10 May 90
Kidney	MM3K055	115.1	104.5			
Blubber	MM3B056	128.0	145.0			16 May 90

ADDITIONAL SAMPLES COLLECTED:

Blood to NWC, ECD, NMFS Seattle, WA
Claws, lower jaw, stomach content to ADF&G
Histology samples to NOS, OAD, NOAA
Histology sample (liver only) transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-012		26 May 89			Bering Sea, Norton Sound, Nome	64°19'\165°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2	124.5	36.3		100.0	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L057	160.0	141.4		Yes	21 Jan 93
Kidney	MM3K058	104.8	104.4			
Blubber	MM3B059	147.0	148.0			30 May 97

ADDITIONAL SAMPLES COLLECTED:

Bile, blood to NWC, ECD, NMFS Seattle, WA
Claws, lower jaw, reproductive organs, stomach contents to ADF&G
Histology sample to OAD, NOAA
Histology sample transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-013		31 May 89			Bering Sea, Norton Sound, Nome	64°18'\165°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	I	103.5	31.75		74	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L060	95.2	110.2		Yes	11 May 90
Kidney	MM3K061	93.2	101.3		Yes	
Blubber	MM3B062	149.2	167.2			17 May 90

ADDITIONAL SAMPLES COLLECTED:

Bile, blood, blubber to NWC, ECD, NMFS Seattle, WA
Stomach contents, jaws, front flipper to ADF&G
Histology samples to OAD, NOAA
Histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-014		31 May 89			Bering Sea, Norton Sound, Nome	64°19'\164°44'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	I	101.0	29.5		74	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L063	50.9	50.6		Yes	9 Dec 92
Kidney	MM3K064	67.5	62.6		Yes	
Blubber	MM3B065	108.4	123.8			3 Jun 97

ADDITIONAL SAMPLES COLLECTED:

Blood, blubber to NWC, ECD, NMFS Seattle, WA
Stomach contents, jaws, front flipper to ADF&G
Histology samples to OAD, NOAA
Histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-015		31 May 89			Bering Sea, Norton Sound, Nome	64°18'\165°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	#1	83.2	20.0		66	3.25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L066	123.8	114.9		Yes	17 Dec 92
Kidney	MM3K067	68.5	68.2		Yes	
Blubber	MM3B068	110.1	103.0			26 Apr 99

ADDITIONAL SAMPLES COLLECTED:

Blood, bile to NWC, ECD, NMFS

Jaw, front flipper to ADF&G

Histology samples to OAD, NOAA

Histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-016		21 May 91			Bering Sea, Norton Sound, Nome	64°30'\166°10'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	#1	81.5	13.6		67	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L155	90.4	70.6		Yes	21 Dec 92
Kidney	MM5K156	30.5	30.3		Yes	
Blubber	MM5B157	150.2	148.2			4 Jun 97

ADDITIONAL SAMPLES COLLECTED:

Heart, muscle to UAF, ID # AF0751

Jawbone with teeth, histology samples to NOS, OAD, NOAA

Jawbone with teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-017		21 May 91			Bering Sea, Norton Sound, Nome	64°30' \66°10'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	113	40.8		92	7.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L158	176.5	175.4		Yes	6 Jan 93
Kidney	MM5K159	97.6	93.1		Yes	
Blubber	MM5B160	145.8	158.5			5 Jun 97

ADDITIONAL SAMPLES COLLECTED:

Heart, muscle, liver to UAF, ID # AF0752
Jawbone with teeth, histology samples to NOS, OAD, NOAA
Jawbone with teeth, histology samples transferred from OAD/NOAA to NIST/NBSB
Extra jar of liver to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-018		22 May 91			Bering Sea, Norton Sound, Nome	64°09'\165°26'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	87	21.8		75	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L161	162.8	173.0		Yes	7 Jan 93
Kidney	MM5K162	68.5	71.5		Yes	
Blubber	MM5B163	151.2	148.1			9 Jun 97

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0753
Jawbone with teeth, histology samples to NOS, OAD, NOAA
Jawbone with teeth, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-019		9 July 91			Chukchi Sea, Barrow	71°18.7'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	#1	77	13.6		64	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L167	127.2	123.7		Yes	
Kidney	MM5K168	47.9	46.3		Yes	
Blubber	MM5B169	127.9	134.2			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0757
Jawbone, histology samples to NOS, OAD, NOAA
Jawbone, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-020		9 July 91			Chukchi Sea, Barrow	71°18.7'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	11-12	119.4	41.7		92	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L170	158.7	173.7		Yes	9 May 95
Kidney	MM5K171	123.2	123.2		Yes	
Blubber	MM5B172	163.5	158.9			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0758
Blood serum to ADF&G
Jawbone, histology samples to NOS, OAD, NOAA
Jawbone, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-021		10 July 91			Chukchi Sea, Barrow	71°18.7'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8-9	108	36.3		85.5	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L173	173.0	177.3		Yes	
Kidney	MM5K174	132.0	129.3		Yes	
Blubber	MM5B175	94.4	88.7			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0760
Jawbone, histology samples to NOS, OAD, NOAA
Jawbone, histology samples transferred from OAD/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-022		10 July 91			Chukchi Sea, Barrow	71°18.7'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5	97.8	22.2		70	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L176	137.2	157.3		Yes	
Kidney	MM5K177	61.4	56.6		Yes	
Blubber	MM5B178	119.5	121.8			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0761
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-023		10 July 91			Chukchi Sea, Barrow	71°18.7'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	5-6	103.9	29.0		76.5	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L179	183.1	169.5		Yes	10 May 95
Kidney	MM5K180	97.6	89.3		Yes	
Blubber	MM5B181	149.3	112.5			28 Apr 99

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0762
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-024		11 July 91			Chukchi Sea, Barrow	71°20.1'\156°41.7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6	118	38.1		87	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L182	170.7	176.0		Yes	
Kidney	MM5K183	137.1	130.1		Yes	
Blubber	MM5B184	149.1	145.3			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0763
Blood serum to ADF&G
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-025		11 July 91			Chukchi Sea, Barrow	71°20.1'\156°41.7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1-2	104	27.2		77.5	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L185	160.7	167.3		Yes	5 Oct 99
Kidney	MM5K186	67.0	75.3		Yes	
Blubber	MM5B187	160.5	152.8			29 Apr 99

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0764
Blood serum to ADF&G
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/ NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-026		12 July 91			Chukchi Sea, Barrow	71°24.1'\156°31.5'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5-6	109	36.3		72	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L188	139.1	123.4		Yes	
Kidney	MM5K189	87.5	86.9		Yes	
Blubber	MM5B190	154.9	154.2			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0765
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-027		15 July 91			Chukchi Sea, Barrow	71°18.5'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	101.6	23.6		74	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L191	168.3	162.6		Yes	
Kidney	MM5L192	87.4	83.5		Yes	
Blubber	MM5B193	151.4	151.5			

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0759
Blood serum to ADF&G
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-028		15 July 91			Chukchi Sea, Barrow	71°18.5'\156°53.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	9	110	21.8		90.7	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L194	170.7	152.8		Yes	7 Oct 99
Kidney	MM5K195	92.0	84.1		Yes	
Blubber	MM5B196	140.7	153.5			6 May 99

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver to UAF, ID # AF0766
Blood serum to ADF&G
Jawbone, histology samples to AEAC, NOAA
Jawbone, histology samples transferred from AEAC/NOAA to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-029		11 May 93			Bering Sea, Norton Sound, Nome	64°30'\166°10'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2	106.7			86	3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L226	92.5	86.7		Yes	13 Dec 93
Kidney	MM5K227	81.0	58.9		Yes	
Blubber	MM5B228	152.7	154.5			10 Jun 97

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver, kidney to NWC, ECD, NMFS Seattle, WA
Front claws, jawbones, histology samples to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-030		12 May 93			Bering Sea, Norton Sound, Nome	64°30'\166°10'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		165			109	6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L229	129.1	99.3		Yes	14 Dec 93
Kidney	MM7K230	162.1	146.0		Yes	
Blubber	MM7B231	154.3	153.1			

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver, kidney to NWC, ECD, NMFS Seattle, WA
Front claws, jawbones, histology samples to NIST/NBSB
Jawbone transferred to Paul Becker, Vicksburg, MS
SAMPLE NOT INCLUDED IN INVENTORIES, DUE TO IDENTIFICATION ERROR

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-031		12 May 93			Bering Sea, Norton Sound, Nome	64°23'\166°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2	89			71	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L232	59.0	77.8		Yes	15 Dec 93
Kidney	MM7K233	72.2	79.3		Yes	
Blubber	MM5B234	142.0	139.5			10 Nov 94

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver, kidney to NWC, ECD, NMFS Seattle, WA
Front claws, jawbone, histology samples to NIST/NBSB

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-032		3 June 93			Bering Sea, Norton Sound, Nome	64°23'\166°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	#1	79			60	6.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L247	65.3	55.5			20 Dec 93
Kidney	MM7K248	34.8				
Blubber	MM7B249	75.1	85.4			12 Jun 97

ADDITIONAL SAMPLES COLLECTED:

Jawbone to NIST/NBSB

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-033		19 May 94			Nome, Cape Nome	63°59'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		111	33.6		97.5	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L276	154.8	149.0		Yes	
Kidney	MM9K277	86.9	88.6		Yes	
Blubber	MM9B278	142.6	119.8			
ADDITIONAL SAMPLES COLLECTED:						
Blubber, liver to NWFC, ECD Jawbone with teeth, histology samples to NIST/NBSB						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-034		21 May 94			Nome, Cape Nome	63°59'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		92.7	20.9		76.2	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L279	80.4	57.6		Yes	
Kidney	MM9K280	57.1	54.8		Yes	
Blubber	MM9B281	157.0	143.5			
ADDITIONAL SAMPLES COLLECTED:						
Jawbone to NIST/NBSB Blubber to NWFC, ECD						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-035		21 May 94			Nome, Cape Nome	63°59'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		80.0	28.1		81.3	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L282	67.1	94.2		Yes	12 Oct 99
Kidney	MM9K283	71.8	70.5		Yes	
Blubber	MM9B284	137.7	143.3			7 May 99
ADDITIONAL SAMPLES COLLECTED:						
Jawbone with teeth, histology samples to NIST/NBSB						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-036		22 May 94			Nome, Cape Nome	63°59'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		110.5	37.2		93.3	3.75
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L285	96.3	102.1		Yes	13 Oct 99
Kidney	MM9K286	87.0	90.3		Yes	
Blubber	MM9B287	165.5	163.2			19 May 99
ADDITIONAL SAMPLES COLLECTED:						
Jawbone and teeth, histology to NIST/NBSB Blubber, liver to NWFC, ECD						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-037		15 July 94			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1 yr	126.0	18.1		83.2	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L307	109.0	108.8		Yes	
Kidney	MM9K308	126.1	133.1		Yes	
Blubber	MM9B309	98.6	116.2			

ADDITIONAL SAMPLES COLLECTED:

Jawbone, liver, histology samples to NIST/NBSB
Liver to O'Corry-Crowe (NMFS, SWR)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-038		15 July 94			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7 claw rings	185	20.4		86.2	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L310	116.7	109.5		Yes	
Kidney	MM9K311	132.0	128.9			
Blubber	MM9B312	107.6	110.1			

ADDITIONAL SAMPLES COLLECTED:

Muscle, histology to NIST/NBSB
Muscle to Greg O'Corry-Crowe (MFS, SWR)
Heart study isolated coronary arteries to Elsner

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-039		15 July 94			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8 claw rings	122.0	22.7		95.0	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L313	175.0	106.6		Yes	14 Oct 99
Kidney	MM9K314	110.9	95.2		Yes	
Blubber	MM9B315	154.8	157.6			20 May 99

ADDITIONAL SAMPLES COLLECTED:

Jawbone, histology samples to NIST/NBSB
Blubber to NWFC
Heart study isolated coronary arteries to Elsner

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-040		18 July 94			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2 claw rings	94.0			72.0	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L316	106.1	101.6		Yes	
Kidney	MM9K317	106.6	91.09		Yes	
Blubber	MM9B318	93.5	106.6			

ADDITIONAL SAMPLES COLLECTED:

Jawbone, bag of unlabeled tissue, histology samples to NIST/NBSB
Blood for Stress Proteins to Mike Castellini
Blood, heart study isolated coronary arteries to Elsner

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-041		18 July 94			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7 claw rings	109.0			82.3	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L319	120.5	112.2		Yes	
Kidney	MM9K320	77.0	80.0		Yes	
Blubber	MM9B321	115.7	111.1			

ADDITIONAL SAMPLES COLLECTED:

Jawbone, histology samples to NIST/NBSB
Blood for Stress Protein to Mike Castellini
Blood, heart study isolated coronary arteries to Elsner

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-042		19 July 94			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7 claw rings	101.0	31.8		82.3	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L322	128.6	105.0		Yes	
Kidney	MM9K323	93.7	89.8		Yes	
Blubber	MM9B324	156.5	148.1			

ADDITIONAL SAMPLES COLLECTED:

Jawbone, histology samples to NIST/NBSB
Blood for Stress Proteins to Mike Castellini
Blood to Elsner
Jawbone transferred to Paul Becker, Vicksburg, MS

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-043		12 July 95			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		90			74.0	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		157.1	B (g)			
Liver	MM10L377	148.6	165.9		Yes	
Kidney	MM10K378	93.4			Yes	
Blubber	MM10B379	156.5	164.1			-

ADDITIONAL SAMPLES COLLECTED:

Lower jawbone
Kidney to Elsner (UA)
Liver, kidney, muscle to UA Museum
Liver, kidney, muscle for histology

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-044		12 July 95			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		146.0	42		84	2.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L380	157.1	175.5		Yes	
Kidney	MM10K381	146.1			Yes	
Blubber	MM10B382	148.7	157.2			

ADDITIONAL SAMPLES COLLECTED:

Lower jawbone
Blubber to NWFSC Contam. Prog.
Kidney to Elsner (UA)
Liver, kidney, muscle to UA Museum

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-045		13 July 95			Barrow	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		95.0	22		72	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L383	161.6	153.0		Yes	
Kidney	MM10K384	78.1			Yes	
Blubber	MM10B385	151.8	150.4			

ADDITIONAL SAMPLES COLLECTED:

Jawbone
Liver, kidney, muscle to UA Museum #AF0779
Liver, kidney, muscle for histology

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-046		22 May 96			Nome, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1.5-2	116.8	15.4		96.5	2.54
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L410	174.8	159.4		Yes	
Kidney	MM11K411	80.8			Yes	
Blubber	MM11B412	152.2	143.2			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney for histology
Liver to UAF
Liver to NWFSC

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-047		8 July 96			Barrow	71°20'N/156°42'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7	117.0	34.5		86	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver						
Kidney						
Blubber	MM11B471	200.9	188.2			9 Jan 98

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-RS-1
Jawbone for aging to Doug Demaster (NMFS)
Liver, kidney, skin, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Liver, muscle, skin, blubber for RAD's to Oak Ridge
Claws, muzzle bristles to Steve Amstrup (NBS)
Serum for Morbillivirus testing to UC-Davis 8/2/96

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-048		8 July 96			Barrow, AK	71°20'N/156°42'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	7	108.0	34		78.0	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver						18 Oct 99
Kidney						
Blubber	MM11B472	177.3	181.8			14 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-RS-2
Liver, kidney, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Liver, muscle, skin, blubber for RAD's to Oak Ridge
Jaw for aging to Doug Demaster (NMFS)
Claws, muzzle to Steve Amstrup (NBS)
Serum for Morbillivirus testing to UC-Davis 8/2/96

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-048		15 May 97			Sledge Island, Nome	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		99.1	25		82.6	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L623				Yes	
Kidney	MM12K624				Yes	
Blubber	MM12B625					29 May 98
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, muscle to UAF Muscle to LaJolla Liver, kidney, muscle, blubber for histology						

* Note: Two animals were labeled 692-RGSL-048. These animals can be differentiated by storage location information.

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-049		8 July 96			Barrow	71°20'N/156°42'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7	88.0	18.1		62	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B473	198.7	184.1			13 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-RS-3
Jawbone for aging to Doug Demaster (NMFS)
Liver, kidney, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Liver, muscle, skin, blubber for RAD's to Oak Ridge
Claws, muzzle to Steve Amstrup
Serum for Morbillivirus to UC-Davis 8/2/96

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-050		10 July 96			Barrow, AK	71°20'N/156°42'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6	113.0	30.4		78.0	2.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B474	143.0	156.1			12 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-RS-4
Liver, kidney, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Liver, muscle, skin, blubber for RAD's to Oak Ridge
Jaw for aging to Doug Demaster (NMFS)
Claws, muzzle to Steve Amstrup (NBS)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-051		10 July 96			Barrow, AK	71°20'/156°42'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7	109	35.4		87	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B452	157.7	156.8			21 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB #96-RS-5
Jaw for aging to Doug Demaster (NMFS)
Liver, kidney, spleen, adrenals for autometallography to (V. Woshner) NSB/DWM
Liver, muscle, skin, blubber for radionuclides to Oak Ridge
Claws, muzzle to Steve Amstrup (NBS)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-052		10 July 96			Barrow, AK	71°20'N/156°42'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5	101.0	26.8		71	2.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B475	154.3	159.5			7 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB #96-RS-6
Jaw for aging to Doug Demaster (NMFS)
Liver, kidney, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Blubber, skin, liver, muscle for RAD's to Oak Ridge
Claws, muzzle to Steve Amstrup (NBS)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-053		10 July 96			Barrow, AK	71°20'N/156°42'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6	107.0	34.5		76.0	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B476	156.5	162.2			28 Feb 97

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-RS-7
Jaw for aging to Doug Demaster (NMFS)
Liver, kidney, skin, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Blubber, skin, liver, muscle for RAD's to Oak Ridge
Claws, muzzle to Steve Amstrup (NBS)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-054		12 Jul 96			Barrow, AK	71°20'/156°42'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6	95	29.5		76.5	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B453	159.9	143.3			20 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB #96-RS-8
Jaw for aging to Doug Demaster (NMFS)
Liver, kidney, skin, spleen, adrenals for autometallography to V. Woshner (NSB/DWM)
Blubber, skin, liver, muscle for radionuclides to Oak Ridge
Claws, muzzle to S. Amstrup (NBS)
Serum for Morbillivirus testing to UC-Davis 8/2/96

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-055		12 July 96			Barrow, AK	71°20'/156°42'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	5	88.5	24.9		77.5	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B454	156.1	146.3			17 Mar 97

ADDITIONAL SAMPLES COLLECTED:

NSB #96-RS-9
Jaw for aging to Doug Demaster (NMFS)
Liver, kidney, spleen, skin, adrenals for autometallography to V. Woshner (NSB/DWM)
Liver, muscle, skin, blubber for radionuclides to Oak Ridge
Claws, muzzle to S. Amstrup (NBS)
Serum for Morbillivirus testing to UC-Davis 8/2/96

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-056		13 Jan 97			Port Nome, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4	106.8	36.3		97	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L547	156.2	182.1		Yes	19 Oct 99
Kidney	MM12K548	113.1	107.4		Yes	
Blubber	MM12B549	154.9	127.3			27 May 98

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver, muscle to NWFSC
Kidney, liver, muscle to UAF
Liver, kidney, muscle for histology
Lower jaw

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-057		25 Jul 1996			Pt Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	96	19.1		76	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B581	200	209			

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-RS-11

Kidney, liver, muscle, blubber for heavy metal & radionuclide analysis

Jaw for aging

Serum & packed RBC for serology

Lymph node, humerous, stomach w/contents for toxicology

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-058		21 May 98			Nome, Norton Sound	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	5	119.4	34		94	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L697	117.5	130.0		Yes	
Kidney	MM13K698	105.2	107		Yes	
Blubber	MM13B699	148	152.9			

ADDITIONAL SAMPLES COLLECTED:

Blood to Kathy Burek

Skeletal muscle, heart muscle, lung, spleen, pancreas, ovaries for arsenic speciation to W. Goessler

Liver, kidney for histology to AFIP

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-059		21 May 1998			Cape Wooly, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7	104	52.2		101.6	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L707	101	103.3		Yes	
Kidney	MM13K708	114.6	114.2		Yes	
Blubber	MM13B709	115.5	124.2			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney for histology to AFIP						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-RGSL-060		10 Jun 98			Teller, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4	104.1	36.3		89	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L710				Yes	
Kidney	MM13K711				Yes	
Blubber	MM13B712					
ADDITIONAL SAMPLES COLLECTED:						
Jawbone for aging Liver, kidney, muscle, blubber for histology to AK Vet Pathology Services Muscle, liver, kidney to UAF Muscle to SWFSC Blubber to UI						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-060		17 June 99			Norton Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
			34		81.28	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L086C	138.66	128.66			
Kidney	MM15K087C	67.13	66.2			
Blubber	MM15B088C	145.58	146.56			
ADDITIONAL SAMPLES COLLECTED:						

*NOTE: Two animals were labeled 692-RGSL-060. One is stored at the NBSB Gaithersburg facility and the other at the Charleston facility. These animals can be differentiated by storage location information.

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-061		10 May 99			Gambell, AK	63°7575'/171°78897'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup	84	15.9		65	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L027C	102.2	120.8			
Kidney	MM15K028C	57.6	48.9			
Blubber	MM15B029C	59.1	56.8			
ADDITIONAL SAMPLES COLLECTED:						
GAM 99-8						

*NOTE: Two animals were labeled 692-RGSL-061. These animals can be differentiated by storage location information.

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-061		7 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	99	25.84		76.5	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)160	B (g)			
Liver	MM15L089C	157	160		Yes	25 May 00
Blubber	MM15B090C	159	150			23 Jun 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-2-99

Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)

Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)

Jaw, blood, reproductive tract to O'Hara (NSB)

Feces frozen to O'Hara (NSB)

Krill from stomach to L. Dehn

*NOTE: Two animals were labeled 692-RGSL-061. These animals can be differentiated by storage location information.

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-062		7 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	83	20.41		74	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L091C	131	113		Yes	30 May 00
Blubber	MM15B092C	135	117			27 Jun 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-3-99
Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood, reproductive tracts to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-063		7 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	88	23.13		77	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L093C	154	172		Yes	31 May 00
Blubber	MM15B094C	148	121			29 Jun 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-4-99
Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood, reproductive tracts collected to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-064		7 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6	114	45.36		89	3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L095C	174	165		Yes	2 Jun 00
Blubber	MM15B096C	136	139			21 Aug 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-5-99
Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood, reproductive tracts collected to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-065		9 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	80	16.78		64	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L097C	115	121		Yes	5 Jun 00
Blubber	MM15B098C	123	125			22 Aug 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-9-99, PBRS-8-99
Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood, reproductive tracts collected to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-066		9 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7	124	46.72		94	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L099C	173	175		Yes	7 Jun 00
Blubber	MM15B100C	162	166			25 Aug 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-6-99, PBRS-5-99
Liver, kidney, adrenal gland, thyroid, lymph nodes, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood, reproductive tracts collected to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692RGSL-067		9 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6	100	36.29		85	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L101C	177	171		Yes	13 Jun 00
Blubber	MM15B102C	154	164			28 Aug 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-8-99, PBRS-7-99
Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood, reproductive tracts collected to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-068		9 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		92	22.68		71	2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L103C	181	165		Yes	19 Jun 00
Blubber	MM15B104C	125	•			30 Aug 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-10-99, PBRS-9-99

Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)

Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)

Jaw, blood, reproductive tracts collected to O'Hara (NSB)

Feces frozen to O'Hara (NSB)

Krill from stomach to L. Dehn

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-069		9 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		119	40.82			2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L105C	182	158		Yes	19 Jun 00
Blubber	MM15B106C	164	128			31Aug 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-7-99, PBRS-6-99

Liver, kidney, adrenal gland, thyroid, lymph nodes, gonad for histology to O'Hara (NSB)

Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)

Jaw, blood, reproductive tracts collected to O'Hara (NSB)

Feces frozen to O'Hara (NSB)

Krill from stomach to L. Dehn

Lung, thoracic lymph node to Brad - ?

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-070		12 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	110	42.18		87	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L107C	165	160		Yes	22 Jun 00
Blubber	MM15B108C	141	76			6 Sep 00

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-12-99

Liver, kidney, adrenal gland, thyroid, lymph nodes, lung, gonad for histology to O'Hara (NSB)

Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)

Jaw, blood, reproductive tracts collected to O'Hara (NSB)

Feces frozen to O'Hara (NSB)

Krill from stomach to NSB/DWM

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-071		2 July 00			Barrow, AK	71E18'/156E47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7	118	42		91.5	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L261C	152.0	144.0		Yes	
Kidney	MM17K262C	116.0			Yes	
Blubber	MM17B263C	159.0	142.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-2-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O'Hara (NSB)

Intestines to L. Ballweber

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-072		10 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	71	14.1		61	1.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L264C	56.0			Yes	
Blubber	MM17B265C	151.0	117.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-4-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes, thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O”Hara (NSB)

One kidney to Bob Elsner - UAF, other kidney to L. Dehn (UAF)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-073		11 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5-7	108	27.2		74	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L266C	148.0	129.0		Yes	
Blubber	MM17B267C	141.0	62.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-5-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O”Hara (NBS)

One kidney to Bob Elsner (UAF), other kidney to L. Dehn (UAF)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-074		11 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	14-16	124	45.4		90	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L282C	119.0	76.0		Yes	
Kidney	MM17K283C	64.0			Yes	
Blubber	MM17B284C	147.0	153.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-6-00

Liver, kidney, blubber, lung, adrenal gland, muscle, stomach, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-075		11 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	7	101			72	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L268C	145.0			Yes	
Kidney	MM17K269C	53.0			Yes	
Blubber	MM17B270C	123.0			Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-7-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-076		11 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6-7	115	38.6		89	3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L285C	126.0			Yes	
Kidney					Yes	
Blubber	MM17B286C	132.0	137.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-8-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O'Hara (NSB)

One kidney to Marvin Kanayurak (hunter)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-077		12 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	85	20.0		69	2.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L287C	124.0	107.0		Yes	
Kidney	MM17K288C	21.0			Yes	
Blubber	MM17B289C	106.0			Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-9-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-078		12 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	14	111	54.9		101	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L290C	106.0	81.0		Yes	
Kidney	MM17K291C	68.0			Yes	
Blubber	MM17B292C	106.0	105.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-10-00
Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)
Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)
Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-079		12 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	14-15	112	39.9		86	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L293C	106.0	113.0		Yes	
Kidney	MM17K294C	63.0			Yes	
Blubber	MM17B295C	117.0	61.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-11-00
Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)
Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)
Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-080		12 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	96	22.1		72	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L271C	117.0	88.0		Yes	
Kidney	MM17K272C	49.0			Yes	
Blubber	MM17B273C	121.0	155.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-12-00

Liver, kidney, blubber, lung, adrenal gland, muscle, stomach, heart, pancreas, brain stem, skin, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-081		13 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6	119	30.4		95	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L296C	100.0	88.0		Yes	
Kidney	MM17K297C	68.0			Yes	
Blubber	MM17B298C	152.0	124.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-13-00

Liver, kidney, blubber, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-082		13 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	101	30.4		74	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L299C	75.0			Yes	
Blubber	MM17B300C	163.0				

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-14-00

Liver, kidney, lung, adrenal gland, muscle, heart, pancreas, brain stem, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

Stomach to L. Dehn (UAF)

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-083		13 July 00			Barrow, AK	71°18'/156°47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	23	103	34.9		81	2.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L301C	134.0	140.0		Yes	
Kidney	MM17K302C	75.0			Yes	
Blubber	MM17B303C	152.0	156.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-16-00

Liver, kidney, blubber, lung, adrenal gland, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner (NSB)

Other tissues for toxicology to L. Dehn (UAF) and T. O"Hara (NSB)

Stomach to L. Dehn (UAF)

Gall bile and heart blood for cultures

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-084		9 July 01			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8	120	38.6		88	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L320C	121.0	129.0		Yes	
Blubber	MM17B321C	164.0			Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-1-01

Liver, kidney, blubber, lung, adrenal gland, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes (mesenteric), gonad, thyroid, for histology to V. Woshner (NSB)

Blubber, muscle, liver, kidney, abdominal lymph node for toxicology

Stomach to L. Dehn (UAF)

Blood collected

Jaw saved

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-085		16 July 01			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		106				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L322C	135.0	141.0		Yes	
Blubber	MM17B322C	135.0			Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #RS-2-01

Liver, kidney, blubber, lung, adrenal gland, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes (mesenteric), gonad, thyroid, for histology to V. Woshner (NSB)

Blubber, muscle, liver, kidney, abdominal lymph node for toxicology

Stomach to L. Dehn (UAF)

Jaw saved

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-086		17 July 01			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		90				5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L324C	108.0				
Blubber	MM17B325C	155.0				
ADDITIONAL SAMPLES COLLECTED:						
NSB #RS-4-01 Blubber, muscle, liver, kidney, abdominal lymph node for toxicology Jaw saved Claws (2 front flippers), whiskers, jaw, mesenteric lymph node						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-087		12 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
		114.3			94.0	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L350C	149.4	138.6			
Kidney	MM18K351C	144.6				
Blubber	MM18B352C	127.41	83.63			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#1 Jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-088		12 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		127			104.1	5.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L353C	150.6	148.8			
Kidney	MM18K354C	99.0	99.5			
Blubber	MM18B355C	125.77	131.52			

ADDITIONAL SAMPLES COLLECTED:

KOTZ-#2
Lower jaw with teeth saved

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-089		12 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		116.8			99.1	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L356C	157.5	164.0			
Kidney	MM18K357C	99.0	164.0			
Blubber	MM18B358C	150.0	129.75			

ADDITIONAL SAMPLES COLLECTED:

KOTZ-#3
Lower jaw with teeth saved

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-090		12 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		128.3			114.3	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L359C	156.2	159.8			
Kidney	MM18K360C	127.2	114.2			
Blubber	MM18B361C	151.4	140.1			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#4 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-091		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		128.3			100.3	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L362C	174.3	164.2			
Kidney	MM18K363C	166.4				
Blubber	MM18B364C	138.4	144.5			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#5 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-092		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		138.4			109.2	5.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L365C	153.4	158.1			
Kidney	MM18K366C	110.6	112.2			
Blubber	MM18B367C	118.1	135.3			

ADDITIONAL SAMPLES COLLECTED:

KOTZ-#6
Lower jaw with teeth saved

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-093		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		114.3			99.1	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L368C	154.3	152.6			
Kidney	MM18K369C	154.8				
Blubber	MM18B370C	154.0	130.0			

ADDITIONAL SAMPLES COLLECTED:

KOTZ-#7
Lower jaw with teeth saved

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-094		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		115.6			96.5	5.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L371C	160.6	164.9			
Kidney	MM18K372C	127.5				
Blubber	MM18B373C	110.5	114.1			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#8 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-095		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		124.5			97.8	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L374C	156.5	159.0			
Kidney	MM18K375C	92.5	102.4			
Blubber	MM18B376C	143.6	150.6			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#9 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-096		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		135.9			110.5	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L377C	143.7	157.2			
Kidney	MM18K378C	159.6	159.2			
Blubber	MM18B379C	124.4	123.6			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#10 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-097		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		129.5			110.5	5.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L380C	161.7	166.1			
Kidney	MM18K381C	143.7	102.7			
Blubber	MM18B382C	148.9	148.6			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#11 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-098		29 Mar 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		121.9			94.0	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L383C	169.0	169.5			
Kidney	MM18K384C	153.9				
Blubber	MM18B385C	148.4	147.0			
ADDITIONAL SAMPLES COLLECTED:						
KOTZ-#12 Lower jaw with teeth saved						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-099		30 Jun 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	<1 Post-canine	79.0	12.25		56.0	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L416C	92.41	92.66			
Kidney						
Blubber	MM19B417C	100.09				
ADDITIONAL SAMPLES COLLECTED:						
RS-1-02 Teeth collected for aging -Aged by Lara Dehn – post canine 2/03 <1 Claw rings						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-100		30 Jun 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	11 Post-canine	116				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L434C	133.39	141.39			
Blubber	MM19B435C	138.15	115.32			
ADDITIONAL SAMPLES COLLECTED:						
RS-2-02 Teeth collected for aging - Age by Lara Dehn – post canine 2/03 7 claw rings						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-101		2 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	<1 Post-canine	79.0	11.33		57.0	2.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L418C	83.99	112.19			
Blubber	MM19B419C	112.19	98.89			
ADDITIONAL SAMPLES COLLECTED:						
RS-3-02 Teeth collected for aging - Aged by Lara Dehn – post canine 2/03 <1 Claw rings						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-102		4 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	<1 Post-canine	84.0			61.0	3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L420C	148.92				
Blubber	MM19B421C	95.15	114.55			

ADDITIONAL SAMPLES COLLECTED:

RS-4-02
Teeth collected for aging - Aged by Lara Dehn – post canine 2/03
1 Claw rings

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-103		4 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	<1 Post-canine	91.0			73.0	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L422C	167.72				
Blubber	MM19B423C	136.73	115.00			

ADDITIONAL SAMPLES COLLECTED:

RS-5-02
Teeth collected for aging - Aged by Lara Dehn – post canine 2/03
1 Claw ring

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-104		4 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	17 Post-canine	119.0				3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L424C	94.24	109.08			
Blubber	MM19B425C	90.69	95.02			
ADDITIONAL SAMPLES COLLECTED:						
RS-6-02 Teeth collected for aging - Aged by Lara Dehn – post canine 2/03 7 Claw rings						

RINGED SEAL (*Phoca hispida*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-105		4 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	27 Post-canine	121.0				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L426C	127.27	116.12			
Blubber	MM19B427C	100.40	101.56			
ADDITIONAL SAMPLES COLLECTED:						
RS-7-02 Teeth collected for aging - Aged by Lara Dehn – post canine 2/035 Claw rings						

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-106		6 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	<1 Post-canine	100.0				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L428C	121.45	118.63			
Blubber	MM19B429C	99.54	104.01			
ADDITIONAL SAMPLES COLLECTED:						

RS-8-02

Teeth collected for aging - Aged by Lara Dehn – post canine 2/03

1 Claw ring

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-107		6 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8 Post-canine	107.0				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L436C	126.99	118.79			
Blubber	MM19B437C	122.99				
ADDITIONAL SAMPLES COLLECTED:						

RS-9-02

Teeth collected for aging - Aged by Lara Dehn – post canine 2/03

5 Claw rings

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-108		6 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	7 Post-canine	111.0				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L430C	132.95	128.02			
Blubber	MM19B431C	149.04				

ADDITIONAL SAMPLES COLLECTED:

RS-10-02
Teeth collected for aging - Aged by Lara Dehn – post canine 2/03
6 Claw rings

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-109		6 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8 Post-canine	118				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L438C	126.32	131.58			
Blubber	MM19B439C	149.88				

ADDITIONAL SAMPLES COLLECTED:

RS-11-02
Teeth collected for aging - Aged by Lara Dehn – post canine 2/03
6 Claw rings

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-110		6 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	26 Post-canine	112.0				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L432C	98.85	116.63			
Blubber	MM19B433C	84.53	87.12			

ADDITIONAL SAMPLES COLLECTED:

RS-12-02
Teeth collected for aging - Aged by Lara Dehn – post canine 2/03
7 Claw rings

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-111		19 Jun 03			Alaska Sea Life Center, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	.08	69.0	8.5		60	2.0 thoracic
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L472C	132			Yes	
Kidney	MM19K473C	30			Yes	
Blubber	MM19B474C	17			Yes	

ADDITIONAL SAMPLES COLLECTED:

PHS-03-03
Lungs, trachea, heart, esophagus, stomach, duodenum, jejunum, ileum, colon, pancreas, spleen, liver, adrenal, kidney, occipital, cerebellum, cerebrum, brain, bone marrow, muscle, lymph nodes (prescapular and mesenteric) for histology
Muscle, spleen, heart to UAF
Muscle, blubber, liver, heart to ASLC

RINGED SEAL (*Phoca hispida*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-RGSL-112		5 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6	120				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L542C	93				
Blubber	MM19B543C	33				

ADDITIONAL SAMPLES COLLECTED:

RS-3-03

Stomach to Lara Dehn (UAF)

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-001		10 March 90			Prince William Sound, New Year Island, Chenega	60°10.9'\147°55.3'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	105.4	28		74.5	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L083	165.3	163.1		Yes	
Kidney	MM4K084	72.05	37.3		Yes	
Blubber	MM4B085	136.0	153.4			

ADDITIONAL SAMPLES COLLECTED:

Bile, liver, blubber, muscle, lung, right cerebrum, cerebellum to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to NIST/NBSB

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-002		22 April 90			Prince William Sound, Galena Bay, Tatitlek	60°55.45'\146°36.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2	125.1	47.6		94.5	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L092	138.1	139.05		Yes	
Kidney	MM4K093	120.3	94.3		Yes	
Blubber	MM4B094	149.4	151.85			

ADDITIONAL SAMPLES COLLECTED:

Bile, liver, blubber, kidney, muscle, lung, ovaries to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD/NOAA to NIST/NBSB

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-003		22 April 90			Prince William	60°55.45'\146°36.2'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	125.1	39.9		85.0	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L089	160.35	164.4		Yes	
Kidney	MM4K090	80.2	112.9		Yes	
Blubber	MM4B091	125.4	105.3			

ADDITIONAL SAMPLES COLLECTED:

Bile, liver, blubber, kidney, muscle, lung to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD/NOAA to NIST/NBSB

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-004		15 June 94			Anchorage, AK Sound, Galena Bay, Tatitlek	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		109.0	18.1		94.5	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L325	164.0	163.2		Yes	
Kidney	MM9K326	59.7	55.0		Yes	
Blubber	MM9B327	156.4	151.2			

ADDITIONAL SAMPLES COLLECTED:

Histology samples to NIST/NBSB

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-005		31 Jan 97			Amlia Island near Atka	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		116	34.0		83	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM12K589	93.9	73.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

UAF AF#13950
Blubber, liver, heart, bile, skin for genetics to NWFSC
Stomach, tooth, female reproductive tract, blood serum to ADF&G
Head, blubber, heart, kidney, liver to UA
Skin, muscle for genetics to NMFS,SW
Heart, bile to NMFS,NW
Muscle, bone for radionuclides to T. Rowles (NMFS/OPR)
Muscle, liver, kidney, heart, skin/blubber for histology to T. Rowles (NMFS/OPR)

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-006		31 Jan 97			Amlia Island near Atka	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		140	62.6		101	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L589	106.3	79.2		Yes	
Kidney	MM12K590	177.4	119.9		Yes	
Muscle	MM12M591	125.8	123.5		Yes	

ADDITIONAL SAMPLES COLLECTED:

UAF AF#13951
Blubber, heart, bile to NWFSC
Stomach, tooth, blubber, head, heart, kidney, liver to UA
Skin, muscle for genetics to NMFS,SW
Heart, muscle, bile to NMFS,NW
Muscle, bone for radionuclides to T. Rowles (NMFS/OPR)
Muscle, gonad, liver, kidney, blubber/skin for histology to T. Rowles (NMFS/OPR)

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-007		16 Feb 97			Akun Island at Old Akun Village site	54°08.4'/165°38.7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		119	45.4		91.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L593	159.0	153.6		Yes	
Blubber	MM12B594	151.8	154.6		Yes	29 Jul 98

ADDITIONAL SAMPLES COLLECTED:

UAF AF#13953
Blubber, liver, kidney to NWFSC
Stomach, tooth, female reproductive tract to ADF&G
Head, blubber, heart, kidney, liver to UA
Skin, muscle for genetics to NMFS,SW
Muscle to NMFS,NW
Muscle, kidney, heart, blubber, lung, spleen, lymph nodes for histology to T. Rowles (NMFS/OPR)

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-008		16 Feb 97			Green Island near Akun Island & Akutan Island	54°08.8'/165°38.7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		114	41.7		92	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L595	147.5	158.1		Yes	
Kidney	MM12K596	106.3	83.1		Yes	
Blubber	MM12B597	150.2	155.5		Yes	30 Jul 98

ADDITIONAL SAMPLES COLLECTED:

UAF AF#13954
Blubber, liver to NWFSC
Blubber, head, heart, kidney to UA
Skin, muscle for genetics to NMFS,SW
Muscle, bile, hind leg to NMFS,NW
Liver, kidney, blubber, lung, heart, spleen, lymph nodes, adrenals for histology to T. Rowles (NMFS/OPR)

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-009		26 Mar 97			Halibut Cove, Kachemak Bay site	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	immature	111	36.3		105	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L617	208.5			Yes	
Kidney	MM12K618				Yes	
Blubber	MM12B619		198.1		Yes	31 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Kidney, liver, muscle to UAF Museum
Bile (1 vial, very little collected) to NWFSC
Muscle, kidney, blubber, liver for histology
Liver for genetics to LaJolla, CA

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-010		26 Mar 97			Halibut Cove, Kachemak Bay	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		137	77.1		92	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L620		198.4		Yes	
Kidney	MM12K621	142.8	141.6		Yes	
Blubber	MM12B622		211.7		Yes	3 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Kidney, liver, muscle to UAF Museum
Liver, kidney, blubber, lymph nodes, muscle, testes for histology
Liver for genetics to LaJolla, CA

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-011		16 May 98			Cook Inlet, Upper near Delta Island	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
		124			89	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM13K692	138	145			

ADDITIONAL SAMPLES COLLECTED:

Skin to SWFSC
Muscle to UAF
Head, 2 flippers taken

*NOTE: Two animals were labeled 692-HBSL-011. One is stored at the NBSB Gaithersburg facility and the other at the Charleston facility. These animals can be differentiated by storage location information.

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-011		20 Dec 00			Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4 ½ years	119	46		91	2.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L258C	167.0	163.0			
Kidney	MM17K259C	108.0	114.0			
Blubber	MM17B260C	108.0	79.0			

ADDITIONAL SAMPLES COLLECTED:

PV96-003C
Serum, urine, miscellaneous tissues to ASLC
Multiple organ tissues at ASLC

*NOTE: Two animals were labeled 692-HBSL-011. One is stored at the NBSB Gaithersburg facility and the other at the Charleston facility. These animals can be differentiated by storage location information.

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-012		16 Aug 01			Carter Bay/Harris Bay, AK	59°37.855'/149°46.017'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Young of Year	124			91	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L331C	161.0	168.0			
Kidney	MM18K332C	108.0	117.0			
Blubber	MM18B333C	166.0	153.0			

ADDITIONAL SAMPLES COLLECTED:

PVs-01-07
Skin, skin lesion (ventral chest), gastric ulceration with nematode larvae, right inguinal lymph node for histology to NW ZooPath
Liver for archives to ASCL
Blubber and liver to NWFSC;
2 claws, 4 whiskers, lower jaw, one testicle to NMFS
Liver, kidney, spleen heart, thigh muscle to UAF
Thyroid, testicle, baculum, skin, blubber, hemolyzed serum, whole blood for Atkinson project
Nasal swab, adrenal gland for Herpes testing to Goldstein
Liver, kidney, spleen, adrenal, urinary bladder, gall bladder, testes, right inguinal lymph node, pancreas, gastric wall with nematode larva, duodenum, heart (left side), left ventricle, lung, thymus, trachea, thyroid, parathyroid, tongue, skin lesion, rib fracture site, blubber, muscle, and hematoma from left thoracic wall for archive to ASCL

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-013		02 Aug 02			Alaska Sea Life Center, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	27-29 years	144	59		95	3.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L395C	165.0	175.0		Yes	
Kidney	MM18K396C	146.0	132.0		Yes	
Blubber	MM18B397C	166.0	164.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

PV75-008-98C

Spleen, liver, kidney, adrenal, lung, heart, esophageal lesion, lnarged pancreatic lymph node, tongue with erosions, pyloric antrum (stomach/duodenum) for histology to NW Zoo Path

Esophageal mass, pancreatic lymph node segment, liver, kidne for histology to Alaska Veterinary Pathology services

Lung, cervical trachea, myocardium/ft. and left AV valves/base of aorta and pulmonary artery, epicardial plaques, thymus, salivary gland, left caudal thyroid/parathyroid, tongue, intrathoracic esophagus w/ mass, stomach, large and small bowel segments, pancreas, gall bladder, bile duct, liver, spleen, kidney, runary bladder, lft. Adrenal, ovary, rib and bone marrow, blubber, lymph nodes (mdeistinal hilar, pancreatic) to ASLC

Lung, kidney, liver, skin, blubber, ovary, brain for cell culture

Liver, kidney, spleen, heart, lung, muscle, brain to UAF

Rt. and left eye to Dr. Gaarter

GI tract, blubber, liver, kidney, spleen, heart, skin, blubber, whiskers,skull, brain, cerebrum, brain stem, thyroid glands, lung, ovaries, adrenal gland, muscle to ASLC

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-014		28 Jun 03			Alaska Sea Life Center, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4 wks	77	8.2		46.5	1.3-1.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L475C	172			Yes	
Kidney	MM19K476C	33			Yes	
Blubber	MM19B477C	58			Yes	

ADDITIONAL SAMPLES COLLECTED:

PVS 03-05

Lung, trachea, heart – L and R ventricle, aorta, bicuspid valve, thymus, esophagus, stomach, duodenum jejunum, ileum, colon, pancreas, spleen, liver, gall bladder, adrenal, kidney, urinary bladder, uterus, ovary, spinal cord, muscle, skin, blubber, mesenteric ln, umbilicus, intercostals muscle for histology and subsample

HARBOR SEAL (*Phoca vitulina*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-HBSL-015		20 Jun 04			Resurrection Bay, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	91	21.4		66.5	2.4-3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L598C	157	150		Yes	
Kidney	MM21K599C	104			Yes	
Blubber	MM21B600C	77	135		Yes	

ADDITIONAL SAMPLES COLLECTED:

PVS 04-05D

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, skin, lymph nodes (submandibular, tracheobronchial, inguinal) trachea, aorta, pulmonary artery, salivary gland, thyroid, tonsil, tongue, esophagus, duodenum, jejunum, illeo-cecal junction, urinary bladder withg ureter, urethra, left testis, penis, left eye, spinal chord, bone marrow for histology to ASLC

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-001		22 May 91			Bering Sea, Norton Sound, Nome	64°09'/165°26'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	157.5			98.4	8.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L164	143.5	145.2		Yes	9 Jan 93
Kidney	MM5K165	161.8	161.7	104.5	Yes	
Blubber	MM5B166	153.7	159.3			

ADDITIONAL SAMPLES COLLECTED:

Liver, muscle to UAF, ID # AF0754
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD/NOAA to NIST/NBSB

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-002		25 May 96			Nome, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	79	12.1		63.5	2.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM5L407	82			Yes	
Kidney	MM5K408	31	32	104.4	Yes	
Blubber	MM5B409	130	50			

ADDITIONAL SAMPLES COLLECTED:

Liver, muscle, kidney to UAF
Jawbone
Kidney, liver for histology
Muscle for genetics

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-004		21 Sep 97			Safety Sound, Nome	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	175.3	68		115.6	2.35
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L693				Yes	
Kidney	MM13K694				Yes	
Blubber	MM13B695					

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, lower jaw to UAF
Muscle to LaJolla, CA
Kidney, blubber, muscle to UI
Liver, kidney, muscle, blubber for histology

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-005		15 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	118	198		86	3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L522C	108	111		Yes	
Blubber	MM19B523C	77			Yes	

ADDITIONAL SAMPLES COLLECTED:

SS-1-03
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, pancreas, skin, mesenteric and thoracic ln., thyroid, tonsils, ovary, esophagus, bladder, trachea, tongue, spleen to UAF
Teeth collected

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-006		17 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	116	216		81	3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L524C	102	118		Yes	
Kidney	MM19K525C	38			Yes	
Blubber	MM19B526C	95	85		Yes	

ADDITIONAL SAMPLES COLLECTED:

SS-2-03
Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, skin, mesenteric and thoracic ln., thyroid, tonsils, testes, esophagus, bladder, trachea, tongue, spleen to UAF
Teeth collected

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-007		27 Sep 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		120.65			81	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L527C	124.05	128.60		Yes	
Kidney	MM19K528C	74.00	105.86		Yes	
Blubber	MM19B529C	94.54	104.84			

ADDITIONAL SAMPLES COLLECTED:

Kotz-SS-1
Liver, kidney to UAF
Jaw bone collected

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-008		3 Oct 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		133.35			90.2	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L530C	150.30	144.52		Yes	
Kidney	MM19K531C	104.10	114.13		Yes	
Blubber	MM19B532C	149.78	113.56			

ADDITIONAL SAMPLES COLLECTED:

Kotz-SS-4
Liver, kidney to UAF
Jaw bone collected

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-009		4 Oct 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		170.2			127	7.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L533C	139.15	162.29		Yes	
Kidney	MM19K534C	139.92	126.38		Yes	
Blubber	MM19B535C	141.78	149.18			

ADDITIONAL SAMPLES COLLECTED:

Kotz-SS-7
Liver, kidney to UAF
Jaw bone collected

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-010		3 Oct 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		127			88.9	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L536C	164.71	150.75		Yes	
Kidney	MM19K537C	99.13	97.99			
Blubber	MM19B538C	108.49	na			
ADDITIONAL SAMPLES COLLECTED:						
Kotz-SS-3 Liver to UAF Jaw bone collected						

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-011		27 Sep 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		127			78.7	3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L539C	152.65	165.88		Yes	
Kidney	MM19K540C	83.27	87.22			
Blubber	MM19B541C	91.32	90.31			
ADDITIONAL SAMPLES COLLECTED:						
Kotz-SS-2 Liver to UAF Jaw bone collected						

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-012		04 Oct 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		120.65			80.01	3.81
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L547C	144.37	139.69		Yes	
Kidney	MM19K548C	96.46	103.13			
Blubber	MM19B549C	93.79	114.14			

ADDITIONAL SAMPLES COLLECTED:

Kotz-SS-5
Liver (#112271) to UA Museum for histology

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-013		4 Oct 03			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		143.51			94.62	4.46
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L550C	140.92	125.91		Yes	
Kidney	MM19K551C	151.6	139.11		Yes	
Blubber	MM19B552C	120.45	?			

ADDITIONAL SAMPLES COLLECTED:

Kotz-SS-6
Liver (#112272) and kidney (#112273) to UA Museum for histology

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-014		22 May 04			Norton Sound, Bering Sea, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L581C	143.6				
Kidney	MM20K582C	144.2				
Blubber	MM20B583C	144.2				

ADDITIONAL SAMPLES COLLECTED:

Sample brought in by hunter. Measurements and sex not taken by hunter.
ID# 003

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-017		3 Dec 04			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		137	105.23		98	5.2 (axillary ventral midline)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L616C	159	170		No	
Kidney						
Blubber	MM21B617C	141	137		No	

ADDITIONAL SAMPLES COLLECTED:

No histology samples taken
Teeth to WTL
Skin to L.Quakenbush (ADF&G)
Parasites in colon
Stomach to Alex Whiting (Kotzebue)
Blubber, liver for toxicology
Muscle, kidney, lymph nodes (thoracic, abdominal), heart, lung; spleen to George Mapp (UAF)
Kotz 03-04

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-016		3 Dec 04			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		125	86.99		92.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L621C	149	142		No	
Kidney						
Blubber	MM21B622C	141	129		No	

ADDITIONAL SAMPLES COLLECTED:

No histology samples taken
Teeth to WTL
Skin to L. Quakenbush (ADF&G)
Reproductive tract, parasites in colon, stomach to Alex Whiting (Kotzebue)
Blubber, liver for toxicology
Muscle, kidney, lymph nodes (thoracic, abdominal), heart, lung to WTL
Spleen to George Mapp (UAF)
Kotz 02-04

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-018		3 Dec 04			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M			83.82			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L623C	153	150		No	
Kidney						
Blubber	MM21B624C	142	150		No	

ADDITIONAL SAMPLES COLLECTED:

Teeth to WTL
Skin to Quakenbush (ADF&G)
Reproductive tract, parasites in colon & stomach to Alex Whiting (Kutzebue)
Blubber, liver for toxicology
Muscle, kidney, lymph nodes (thoracic, abdominal), heart, lung, spleen to George Mapp (UAF)
Kotz 04-04

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-019		3 Dec 04			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		115	60.24		90.4	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L625C	152	140		No	
Kidney						
Blubber	MM21B626C	116	139		No	

ADDITIONAL SAMPLES COLLECTED:

Teeth to WTL
Skin to Quakenbush (ADF&G)
Reproductive tract, parasites in colon & stomach to Alex Whiting (Kotzebue)
Blubber, liver, muscle, kidney, lymph nodes (thoracic, abdominal), heart, lung or toxicology to WTL
Spleen to George Mapp (UAF)
Kotz 05-04

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-023		28 Oct 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		107.4	62.6		76.8	3.4 (over axillary girth)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L668C	128	139		No	
Kidney						
Blubber	MM21B669C	157.2	138.3		No	

ADDITIONAL SAMPLES COLLECTED:

Muscle, kidney, abdominal lymph node, spleen, heart for toxicology
Jaw, colon to UAF
Kotz 04-05

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-025		28 Oct 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		147.9	161		99.9	3.8 (over axillary girth)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L670C	127	134		No	
Kidney						
Blubber	MM21B671C	147.3	153.9		No	
ADDITIONAL SAMPLES COLLECTED:						
Blubber, liver for toxicology Jaw & feces to UAF Kotz 06-05						

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-015		03 Dec 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		129	210			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L689C	151	161		No	
Kidney						
Blubber	MM21B690C	128	138		No	
ADDITIONAL SAMPLES COLLECTED:						
Blubber, liver, muscle, kidney, lymph nodes (thoracic, abdominal), heart, lung for toxicology to WTL Spleen to George Happ (UAF) Teeth to WTL Skin to L. Quakenbush Colon parasites & stomach to Alex Whiting (Kotzebue) Kotz 01-04						

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-020		28 Oct 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		156	241.4			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L691C	137	136		No	
Kidney						
Blubber	MM21B692C	313	157.6		No	

ADDITIONAL SAMPLES COLLECTED:

Teeth to UAF
Skin to L. Quakenbush (ADF&G)
Muscle, kidney, abdominal lymph node, spleen, heart, blubber for toxicology to UAF
Colon, stomach contents to UAF
Kotz 01-05

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-022		28 Oct 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		144.6	166.0			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L693C	128	132		No	
Kidney						
Blubber	MM21B694C	148.1	143.8		No	

ADDITIONAL SAMPLES COLLECTED:

Skin to UAF
Muscle, kidney, abdominal lymph node, spleen, heart, blubber, fetus for toxicology to UAF
Colon, jaw, stomach contenst to UAF
Kotz 03-05

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-024		28 Oct 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		146.6	159.6			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L695C	123.9	128		No	
Kidney						
Blubber	MM21B696C	158.8	157.3		No	

ADDITIONAL SAMPLES COLLECTED:

Stomach content to UAF
Muscle, kidney, abdominal lymph node, spleen, heart, blubber for toxicology to UAF
Colon, jaw to UAF
Kotz 05-05

SPOTTED SEAL (*Phoca largha*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-SPSL-021		28 Oct 05			Kotzebue, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		160	179.2		105.8	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L747C	123	135			
Kidney						
Blubber	MM21B748C	141.1				

ADDITIONAL SAMPLES COLLECTED:

Stomach content to UAF
Kidney, abdominal lymph node, spleen, heart, blubber for toxicology to UAF
Kotz 02-05

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-001		26 May 89			Bering Sea, Norton Sound, Nome	64°19'\165°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	166.7	68-90		99	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L051	154.0	159.0		Yes	12 Jan 93
Kidney	MM3K052	147.0	129.5		Yes	
Blubber	MM3B053	158.0	163.0			

ADDITIONAL SAMPLES COLLECTED:

Bile, blood to NWC, ECD, NMFS
Front claws, jawbone, stomach content to ADF&G
Histology samples to OAD, NOAA

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-002		20 July 89			Chukchi Sea, Barrow	71°31'\157°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4	210	200		130	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L078	149.9	157.2		Yes	
Kidney	MM3L079	152.6	166.9			
Blubber	MM3B080	126.9	125.1			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney to NWC, ECD, NMFS
Histology samples to OAD, NOAA

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-003		20 July 89			Chukchi Sea, Barrow	71°31'\157°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5	240	225		138	5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L081	155.4	167.8		Yes	
Blubber	MM3B082	128.5	119.7			

ADDITIONAL SAMPLES COLLECTED:

Liver to NWC, ECD, NMFS
Histology sample to OAD, NOAA

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-004		12 May 93			Bering Sea, Norton Sound, Nome	64°23'\166°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	244			149	6.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L223	98.7	115.0		Yes	21 Dec 93
Kidney	MM7K224	171.1	177.4		Yes	
Blubber	MM7B225	159.9	159.9			

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver, kidney to NWC, ECD, NMFS
Jawbone, histology samples to NIST/NBSB

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-005		3 June 93			Bering Sea, Norton Sound, Nome	64°24.5'\166°00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	161.0			110	4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L250	86.7				27 Dec 93
Kidney	MM7K251	69.7	84.6			
Blubber	MM7B252	126.7	109.0			3 Sept 98
ADDITIONAL SAMPLES COLLECTED:						
Jawbone to NIST/NBSB						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BDSL-006		19 May 94			Nome, Cape Nome	63°59'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		143			110	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L264	164.7	157.9		Yes	
Kidney	MM9K265	127.6	137.7		Yes	
Blubber	MM9B266	152.0	152.5			1 Sept 98
ADDITIONAL SAMPLES COLLECTED:						
Blubber, liver, kidney to NWFC, ECD Jawbone for teeth, histology to NIST/NBSB						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-007		20 May 94			Cape Nome, Nome	63°59'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		167.6			114.3	3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L267	148.9	149.9		Yes	
Kidney	MM7K268	138.9	150.1		Yes	
Blubber	MM7B269	148.9	149.9			31 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Jawbone, histology to NIST/NBSB
Blubber, liver, kidney to NWFC, ECD
Jawbone transferred to Paul Becker, Vicksburg, MS

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BDSL-008		22 May 94			Nome, Cape Nome	63°50'\165°39'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		200.7			123.2	4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L270	162.6	154.9		Yes	
Kidney	MM9K271	149.7	164.2		Yes	
Blubber	MM9B272	150.6	156.8			28 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Jawbone with teeth, histology to NIST/NBSB
Liver, kidney, blubber to NWFC, ECD

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-009		23 May 94			Sledge Island, Nome	64°19'\166°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		228.6			144	5.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L273	173.7	179.1		Yes	
Kidney	MM9K274	159.8	148.2		Yes	
Blubber	MM9B275	164.3	145.8			27 Aug 98

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber to NWFC, ECD
Jawbone, histology samples to NIST/NBSB

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BDSL-056		26 Jul 96			Barrow, AK	71°20/156°42'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	#1	139	65.8		93	5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B580	210	183			26 Aug 98

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96-BS-1
Lung, heart, liver, kidney, adrenal, thyroid, testes, bladder, pancreas, GIT, lymph nodes, muscle, skin for histology to UI

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-010		17 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		240				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L078C	180	174		Yes	
Kidney	MM15K079C	169	177		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, lymph nodes, lung for histology to T. O'Hara (NSB, DWM (CIFAR Project))						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-011		17 June 99			Norton Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	3		68.04		124.46	3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L0808C	139.86	141.32			
Kidney	MM15K081C	177.56	149.01			
Blubber	MM15B082C	114.56	152.54			
ADDITIONAL SAMPLES COLLECTED:						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-012		9 June 99			Norton Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2		90.72			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L083C	144.4	176.2		Yes	
Kidney	MM15K084C	223..9	196.8		Yes	
Blubber	MM15B085C	149.7	117.3		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber for histology
Parasites and worms in stomach in ETOH

*Note: Two animals were labeled 692-BDSL-012. These animals can be differentiated by storage location information.

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-012		29 Sept 99			Norton Bay/Norton Sound	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		2•	90.7			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L144C	184	165		Yes	
Kidney	MM15K145C	177	184		Yes	
Blubber	MM15B146C	2:	156		Yes	

ADDITIONAL SAMPLES COLLECTED:

Skin to SWFSC
Kidney, heart, liver and head to UAF
Blubber, kidney and heart to NWFSC
Stomach parasites to MMC
Kidney, blubber, liver and heart for histology to Dr. Kathy Burek

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-013		1 Oct 99			Norton Bay/Norton Sound	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
		> 5 ft	113.4			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L148C	181	180		Yes	
Kidney	MM15K149C	184	186		Yes	
Blubber	MM15B150C	159	162		Yes	

ADDITIONAL SAMPLES COLLECTED:

Kidney, blubber, liver and muscle for histology to Dr. Kathy Burek
Muscle to SWFSC
Kidney, muscle, liver, and head to UAF
Liver and kidney to NWFSC

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-014		17 Jul 00			10 mi. offshore, Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3-4	205			131	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L304C	171.0	179.0		Yes	
Kidney	MM17K305C	158.0	158.0		Yes	
Blubber	MM17B306C	129.0	88.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

BS-2-00
Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, skin, lymph nodes (thoracic, mesenteric), thyroid, trachea, bladder, etc. for histology to V. Woshner (NSB)
Intestines to Lori Ballweather
Other tissues for toxicology to L. Dehn (UAF) and T. O'Hara (NSB)
Stomach to L. Dehn (UAF)

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-015		17 Jul 00			10 mi. offshore, Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	13	218			135	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L307C	166.0	177.0		Yes	
Kidney	MM17K308C	160.0	170.0		Yes	
Blubber	MM17B309C	135.0	112.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

BS-3-00
Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, skin, lymph nodes (thoracic, mesenteric), thyroid for histology to V. Woshner, (NSB)
Other tissues for toxicology to L. Dehn (UAF) and T. O'Hara (NSB)
Stomach to L. Dehn (UAF)

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-016		18 July 00			2 mi. off Pt. Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		238			150	4.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L223C	133.0	132.0		Yes	
Kidney	MM16K224C	122.0	135.0		Yes	
Blubber	MM16B225C	84.0	132.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, and lymph nodes (mesenteric, thoracic, inguinal) for histology to V. Woshner (NSB)
Stomach to Lara Dehn (UAF)
Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)
BS-5-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-017		19 July 00			2 mi. NW of Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		195				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L226C	117.0	100.0		Yes	
Kidney	MM16K227C	120.0	73.0		Yes	
Blubber	MM16B228C	153.0	73.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, skin, lymph nodes (mesenteric, thoracic, inguinal) and thyroid for histology to V. Woshner (NSB)
Stomach to Lara Dehn – (UAF)
Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)
BS-6-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-018		19 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		175				4.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L229C	162.0	100.0		Yes	
Kidney	MM16K230C	156.0	118.0		Yes	
Blubber	MM16B231C	162.0	86.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, lymph nodes (mesenteric, thoracic), thyroid and aorta for histology to V. Woshner (NSB)
Stomach to Lara Dehn – (UAF)
Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)
BS-7-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-019		19 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		214				4.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L244C	156.0	156.0		Yes	
Kidney	MM16K245C	155.0	167.0		Yes	
Blubber	MM16B246C	159.0	86.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, lymph nodes (mesenteric, thoracic), thyroid and aorta for histology to V. Woshner (NSB)
Stomach to Lara Dehn (UAF)
Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)
BS-8-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-020		20 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		172			111	3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L220C	108.3	102.0	111.0	Yes	
Kidney	MM16K221C	120.0	93.0		Yes	
Blubber	MM16B222C	93.0	76.65		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, and lymph nodes (mesenteric, thoracic) for histology to V. Woshner (NSB)
Stomach to Lara Dehn (UAF)
Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)
BS-9-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-021		19 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		210				3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L247C	99.0	141.0		Yes	
Kidney	MM16K248C	145.0	131.0		Yes	
Blubber	MM16B249C	155.0	64.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, and lymph nodes (mesenteric, thoracic) for histology to V. Woshner (NSB)

Stomach to Lara Dehn (UAF)

Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)

BS-10-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-022		20 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		221				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L253C	142.0	136.0			
Kidney	MM16K254C	149.0	141.0			
Blubber	MM16B255C	139.0	57.0			

ADDITIONAL SAMPLES COLLECTED:

Stomach to Lara Dehn (UAF)

Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)

BS-11-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-023		20 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		238				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L250C	126.0	123.0		Yes	
Kidney	MM16K251C	132.0	101.0		Yes	
Blubber	MM16B252C	150.0	142.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, lung, adrenals, muscle, heart, pancreas, and lymph nodes (mesenteric, thoracic) for histology to V. Woshner (NSB)

Stomach to Lara Dehn (UAF)

Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)

BS-14-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-024		20 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		223				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L214C	144.0	142.0			
Kidney	MM16K215C	119.0	120.0			
Blubber	MM16B216C	138.0	155.0			

ADDITIONAL SAMPLES COLLECTED:

Stomach to Lara Dehn (UAF)

Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)

BS-17-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-025		21 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		189			135	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L211C	151.0	133.0			
Kidney	MM16K212C	142.0				
Blubber	MM16B213C	159.0	149.0			

ADDITIONAL SAMPLES COLLECTED:

Stomach to Lara Dehn (UAF)

Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)

BS-18-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-026		20 July 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		251				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L217C	145.0	145.0			
Kidney	MM16K218C	147.0	144.0			
Blubber	MM16B219C	137.0	91.0			

ADDITIONAL SAMPLES COLLECTED:

Stomach to Lara Dehn (UAF)

Other tissues not listed collected for toxicology to L. Dehn (UAF) and T. O'Hara (NSWM)

BS-20-00

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-027		8 July 01			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L326C	126.0	130.0			
Blubber	MM17B327C	175.0				

ADDITIONAL SAMPLES COLLECTED:

BS-1-01

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (mesenteric), thyroid, gonad, spleen for histology to V. Woshner (NSB)

Stomach to Lara Dehn (UAF)

Blubber, muscle, liver, kidney, abdominal lymph node for toxicology

Jaw, claws collected

Reproductive tract collected

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-028		16 July 01			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		217				4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L328C	143.0	135.0		Yes	
Kidney	MM17K329C	105.0	124.0		Yes	
Blubber	MM17B330C	152.0	161.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

BS-2-01

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (mesenteric), thyroid, gonad, spleen, for histology to V. Woshner (NSB)

Stomach to Lara Dehn (UAF)

Blubber, muscle, liver, kidney, abdominal lymph node for toxicology

Jaw, claws, whiskers collected

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-029		25 Mar 01			Flaxman Isl, off Prudhoe Bay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2-3 weeks				80	0.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L386C	180.0	189.0		Yes	
Kidney	MM18K387C	178.0	179.0		Yes	
Blubber	MM18B388C	123.0	171.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Lungs, trachea, heart, cardiac lymph node, salivary gland, thyroid, tonsils, tongue, stomach, duodenum, jejuum, ileum, colon, pancreas, spleen, liver, gall bladder, adrenal, kidney, urinary bladder, uretra, ovary, uterus, brain, spinal cord, muscle, skin, blubber for histology
Lungs, heart, cardiac lymph node, stomach, duodenum, jejunum, ileum, colon, pancreas, spleen, liver, kidney, brain, muscle, skin for sub-sample
Cestode, nematode for archives
Spinal fluid and brain

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-030		6 Sep 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						3.81
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L401C	144.88	127.34			
Kidney	MM18K402C	119.87	112.91			
Blubber	MM18B403C	128.40	109.65			

ADDITIONAL SAMPLES COLLECTED:

Lower jaw collected

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-031		4 Sep 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						5.08
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L404C	124.72	136.86			
Kidney	MM18K405C	106.34	98.34			
Blubber	MM18B406C	100.62	107.47			
ADDITIONAL SAMPLES COLLECTED:						
Lower jaw collected						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-032		6 Sep 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						5.08
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L407C	129.55	131.11			
Kidney	MM18K408C	142.42	123.82			
Blubber	MM18B409C	129.23	111.26			
ADDITIONAL SAMPLES COLLECTED:						
Lower jaw collected						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-033		4 Sep 02			Kotzebue Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L410C	114.09	126.23			
Kidney	MM18K411C	122.03	128.38			
Blubber	MM18B412C	124.51				

ADDITIONAL SAMPLES COLLECTED:

Lower jaw collected

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-034		1 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6	216				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L440C	113.37	123.81			
Blubber	MM19B441C	114.24				

ADDITIONAL SAMPLES COLLECTED:

BS-1-02
Teeth collected for aging - Aging completed by Lara Dehn

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-035		2 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	20					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L442C	111.45	19.47			
Blubber	MM19B443C	109.31	105.31			

ADDITIONAL SAMPLES COLLECTED:

BS-4-02

Teeth collected for aging - Aging completed by Lara Dehn

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-036		2 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L444C	120.98	132.48			
Blubber	MM19B445C	96.18	100.16			

ADDITIONAL SAMPLES COLLECTED:

BS-5-02
Teeth collected for aging - Aging completed by Lara Dehn

BEARDED SEAL (*Erignathus barbatus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-037		2 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	32					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L446C	130.66	106.42			
Blubber	MM19B447C	138.7	136.77			
ADDITIONAL SAMPLES COLLECTED:						
BS-6-02 Teeth collected for aging - Aging completed by Lara Dehn						

BEARDED SEAL (*Erignathus barbatus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-038		4 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	9 (claw)					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L452C	127.32	127.51			
Blubber	MM19B453C	127.93	115.0			
ADDITIONAL SAMPLES COLLECTED:						
BS-7-02 Teeth collected for aging - Aging completed by Lara Dehn (28 years by canine and post-canine)						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-039		5 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	7 (canine)					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L454C					
Blubber	MM19B455C					
ADDITIONAL SAMPLES COLLECTED:						
BS-8-02 Teeth collected for aging - Aging completed by Lara Dehn (7 years by canine and post-canine)						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-040		5 July 02			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1 (claw)					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L456C					
Blubber	MM19B457C					
ADDITIONAL SAMPLES COLLECTED:						
BS-9-02 Teeth collected for aging - Aging completed by Lara Dehn (3 years by canine and post-canine)						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-041		1 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1	150				3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L478C	89	110			
Blubber	MM19B479C	87				

ADDITIONAL SAMPLES COLLECTED:

BS-1-03

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-042		10 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L511C	110	103			
Kidney	MM19K512C	110	112			
Blubber	MM19B513C	72				

ADDITIONAL SAMPLES COLLECTED:

BS-4-03
Tooth, stomach

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-043		9 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	1	103				3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L514C	116	60			
Kidney	MM19K515C	103	31			
Blubber	MM19B516C	99				

ADDITIONAL SAMPLES COLLECTED:

BS-5-03
Tooth, stomach

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-044		10 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		159				3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L517C	102	116	107		
Kidney	MM19K518C	90				
Blubber	MM19B519C	92	74			

ADDITIONAL SAMPLES COLLECTED:

BS-6-03
Tooth, stomach to L. Dehn (UAF)

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-045		11 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						3.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L520C	140	81			
Blubber	MM19B521C	109	117			
ADDITIONAL SAMPLES COLLECTED:						
BS-7-03						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-048		3 Mar 04			Nome, AK Norton Sound	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
U						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L590C	149.9				
Kidney	MM20K591C	145.2				
Blubber	MM20B592C	144.9				
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber for histology						

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-046		3 May 04			Nome, AK Norton Sound	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	208.28	181.4		154.94	10.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L601C	144.3	143.9		Yes	
Kidney	MM21K602C	144.9	144.1		Yes	
Blubber	MM21B603C	143.2	144.8		Yes	

ADDITIONAL SAMPLES COLLECTED:

Field ID: 0002

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-047		22 May 04			Nome, AK Norton Sound	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
U						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L604C	144.2			Yes	
Kidney	MM21K605C	143.1			Yes	
Blubber	MM21B606C	143.7			Yes	

ADDITIONAL SAMPLES COLLECTED:

Field ID: 004
Lower mandible for histology to Nanuuq Comm
Teeth

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-049		12 May 04			Unalakleet, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	90				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L627C	121.68			Yes	
Kidney	MM21K628C	101.8	100.06		Yes	
Blubber	MM21B629C	119.42	104.4		Yes	

ADDITIONAL SAMPLES COLLECTED:

Stomach to USGS

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-050		12 May 04			Unalakleet, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	90				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L630C	118.78			Yes	
Kidney	MM21K631C	127.17			Yes	
Blubber	MM21B632C	143.71			Yes	

ADDITIONAL SAMPLES COLLECTED:

Stomach to USGS
Heart to UAF

BEARDED SEAL (*Erignathus barbatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BDSL-051		12 May 04			Unalakleet, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	72				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L633C	148.35			Yes	
Kidney						
Blubber	MM21B634C	151.62	139.25		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Heart, muscle to UAF						

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-001		26 March 90			Cook Inlet, Flat Island, English Bay	59°19.9'\151°59.7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F, with fetus	Mature	254	250			3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L086	142.5	152.9		Yes	
Kidney	MM4K087	155.2	154.9		Yes	
Blubber	MM4B088	141.4	156.0			

ADDITIONAL SAMPLES COLLECTED:

Bile, liver, kidney, blubber, lung, muscle, blubber with skin, left cerebrum, whole fetus to NWC, ECD, NMFS
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-002		5 Feb 97			Amlia Pass (Atka side) Bay	174°5'/52°7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	256.5				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L586	136.0	154.0		Yes	
Kidney	MM12K587	137.5	145.5		Yes	
Blubber	MM12B588	178.3	139.4			24 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Spleen, liver, kidney, muscle, blubber/skin, lung, lymph nodes to T. Rowles (NMFS/OPR)
Bone, muscle for radionuclides to T. Rowles (NMFS/OPR)
Muscle for genetics

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-003		9 Feb 97			Atka Korovin Bay (N side) Old Harbor	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		175			117	3.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L583	144.9	155.9		Yes	
Kidney	MM12K584	167.4	158.2		Yes	
Blubber	MM12B585	151.9	166.0			27 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, muscle, blubber with skin, spleen, heart, bile to T. Rowles NMFS/OPR
Stomach to Alan Springer Inst of Marine Science (UAF) #97-002-ATK
Head to UAF Museum
Reproductive tract to Matson Lab
Blood serum to Vicki Vanek (AK Fish & Wildlife)
Liver for genetics

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-004		18 Mar 97			St George Island	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM12K615	140	140		Yes	
Blubber	MM12B616	123	124			28 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Head, stomach, tibia/fibia to UAF Institute of Marine Science #97-003-STG
Liver, blubber, skin to NWFSC
Kidney, liver, small intestine, large intestine, duodenum, spleen, lung for histology
Skin to LaJolla, CA
Liver, kidney to UAF Museum

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-005		9 Jul 03			Forth of July Creek, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2	175	101		108	2.4-2.5 ventral, 1.7-2 dorsal
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L461C	149	169		Yes	
Kidney	MM19K462C	167	164		Yes	
Blubber	MM19B463C	161	164			28 Jul 98

ADDITIONAL SAMPLES COLLECTED:

Lung, liver, kidney, mesenteric and hilar lymph nodes for histology

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-006		27 Jun 03			Hazy-Grassy, S.E. AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 wks	99	26		69	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L500C	106.03	72.51		Yes	
Kidney	MM19K501C	126.06			Yes	
Blubber	MM19B502C	59.34				

ADDITIONAL SAMPLES COLLECTED:

SSL 2003 HDP1SE

Liver, kidney, intestine, mesenteric lymph node, feces

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-007		27 Jun 03			Hazy-Grassy, S.E. AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2-4 wks	110	24.5		67	1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L503C	53.90	69.03		Yes	
Kidney	MM19K504C	102.20			Yes	
Blubber	MM19B505C	67.20				
ADDITIONAL SAMPLES COLLECTED:						
SSL 2003 HDP4SE Liver, kidney, intestine, feces						

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-008		27 Jun 03			Hazy-Grassy, S.E. AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	2-4 wks	95	22.1		61.6	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L506C	116.59			Yes	
Kidney	MM19K507C	127.80			Yes	
Blubber	MM19B508C	45.28				
ADDITIONAL SAMPLES COLLECTED:						
SSL 2003 H3191SE Liver, kidney, feces						

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-009		30 Mar 04			Cape Resurrection, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Fetus (premature birth)	76	10		46.6	0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L595C	159	170		Yes	
Kidney	MM21K596C	72	50		Yes	
Blubber	MM21B597C	37	18			

ADDITIONAL SAMPLES COLLECTED:

NIST: jars labeled as 692-STSL-008

Lver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, thymus, trachea, spleen, ovary, urinary bladder, uterus, eye, umbilical cord, placenta, cervical spinal cord for histology to ASLC

EJS 04-001

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-010		25 Jan 06			North Rocks, Forrester Islands, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/calf	98	21.5		61	1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L705C	100.85			Yes	
Kidney	MM21K706C	109.58			Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, thymus, colon, thyroid, bladder, tonsil, vesicular lesion, lymph nodes (prescapluar, mesenteric, retropharyngal) for histology to ADF&G

Skin to ADF&G

Gonads & testes

SSL 2004 127F SE

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-011		25 Jan 06			Seal Rocks, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		94	19.6		58	1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L707C	148.61			Yes	
Kidney	MM21K708C	137.36			Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, lung, pancreas, brain, muscle, skin, spleen, thymus, thyroid, bone marrow, stomach, small intestine, feces, pituitary, uterus, lymph nodes (prescapluar, sublumbar) for histology
Skin, uterus
Muscle to Vicki Stegall (UAF)
Bacterial swabs to WADDL
Ventral blubber to G. Lyons
Feces to K. Beckman
Intestine for hookworm counts, swabs to U. of Florida
Heart, kidney, liver , muscle, spleen to UAF Museum
Blubber, kidney, liver, lung, prescapular, sublumbar lymph node for toxicology
SSL 2005 NEC 25 PWS

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-014		25 Jan 06			Cape Resurrection, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		136	69		66	.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L709C	165.3			Yes	
Kidney	MM21K710C	140.86			Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, stomach, lung, pancreas, adrenals, muscle, skin, spleen, trachea, thymus, colon, thyroid, esophagus, left flipper lesion, duodenum, jejunum, tonsil, tongue, ileum, bone marrow (sternal breast) for histology
Parasites, stomach nematode, nasal mites
Nasal, vaginal, tonsil, rectal, SQ abscess, oral lesion, stoll swab for microbiology
Heart, muscle, spleen, liver, kidney to UAF
Feces to Kathy Burek
EJ 05-0301

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-012		25 Jan 06			Seal Rocks, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		105.5	22.8		64	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L739C	142.17			Yes	
Kidney	MM21K740C	142.20			Yes	
Blubber	MM21B741C	56.47				

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, lung, adrenals,brain, muscle, skin, spleen, thymus, colon, thyroid, pituitary, tonsil, feces, prescapluar lymph node for histology
Gonads, heart, kidney, liver, muscle, spleen to UAF Museum
Muscle to Vicki Stegall (UAF)
Bacterial swabs to WADDL
Ventral blubber to G. Lyons
Feces to K. Beckman
Stomach content, kidney, liver for toxicology
Brain, stomach content, heart, kidney, liver, lung, thymus, nasal swabs for disease
SSL2005NEC24PWS

STELLAR (NORTHERN) SEA LION (*Eumatopias jubatus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-STSL-013		25 Jan 06			Seal Rocks, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		96			64	1.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L742C	84.30			Yes	
Kidney	MM21K743C	96.94			Yes	
Blubber	MM21B744C	25.28				

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, lung, adrenals,brain, muscle, skin, spleen, thymus, colon, thyroid, gall bladder, gonads, stomach, small intestine, feces, pituitary, tonsil for histology to UAF Museum
Muscle to Vicki Stegall (UAF)
Bacterial swabs to WADDL
Ventral blubber to G. Lyons
Feces to K. Beckman
Blubber, stomach content, kidney, liver for toxicology
Brain, stomach content, heart, kidney, liver, muscle, pleural fluid, spleen, thymus for disease
SSL2005NEC21PWS

NORTHERN FUR SEAL (*Callorhinus ursinus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-001		28 July 87			Bering Sea, St. Paul Is., Polovina Rookery	57°10.5'\170°09.5'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	114.0	56.3			1.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM1L001	135.0	125.0		Yes	
Kidney	MM1K002	93.0	97.0		Yes	
Muscle	MM1M003	125.0	132.5			
Blubber	MM1B004	119.0	114.5			
ADDITIONAL SAMPLES COLLECTED:						
Blood, heart, liver, spleen to NCRC, Frederick, MD Teeth, histology samples to OAD, NOAA Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB						

NORTHERN FUR SEAL (*Callorhinus ursinus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-002		28 July 87			Bering Sea, St. Paul Isl., Polovina Rookery	57°10.5'\170°09.5'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	117.3	77.6			2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM1L005	117.8	110.5		Yes	
Kidney	MM1K006	137.2	137.0		Yes	
Muscle	MM1M007	170.0	143.0			
Blubber	MM1B008	156.0	158.0			
ADDITIONAL SAMPLES COLLECTED:						
Blood, heart, liver, spleen, muscle, skin to NCRC, Frederick, MD Teeth, histology samples to OAD, NOAA Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-003		28 July 87			Bering Sea, St. Paul Is., Polovina Rookery	57°10.5'\170°09.5'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	124.0	84.0			3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM1L009	132.0	140.0		Yes	-
Kidney	MM1K010	112.0	140.0		Yes	
Muscle	MM1M011	152.5	136.0			
Blubber	MM1B012	156.5	144.5			

ADDITIONAL SAMPLES COLLECTED:

Blood, heart, liver, spleen, skin to NCRC, Frederick, MD
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-004		29 July 87			Bering Sea, St. Paul Is., Northeast Rookery	57°14.85'\170°05.9'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3	111.4	64.7			2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM1L013	129.5	149.0		Yes	7 Jun 88
Kidney	MM1K014	92.0	93.5		Yes	13 Jun 88
Muscle	MM1M015	129.2	148.0			17 Jun 88
Blubber	MM1B016	105.5	101.0			13 Jun 88

ADDITIONAL SAMPLES COLLECTED:

Blood, heart, spleen, skin to NCRC, Frederick, MD
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-005		29 July 87			Bering Sea, St. Paul Is., Northeast Rookery	57°14.85'\170°05.9'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2	110.4	58.7			3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM1L017	145.0	136.0		Yes	1 Jun 88
Kidney	MM1K018	118.5	112.0		Yes	31 May 88
Muscle	MM1M019	103.0	105.0			6 Jun 88
Blubber	MM1B020	157.0	141.0			26 May 88

ADDITIONAL SAMPLES COLLECTED:

Blood, heart, spleen, liver, skin to NCRC, Frederick, MD
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-006		23 July 90			Bering Sea, St. Paul Is., Zapadni Rookery	57°09'\170°20.1'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	97.8	21.8			1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L095	138.0	166.3		Yes	
Kidney	MM4K096	88.0	95.3		Yes	
Blubber	MM4B097	144.4	145.8			

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-007		23 July 90			Bering Sea, St. Paul Is., Zapadni Rookery	57°09'\170°20.1'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	124.2	23			0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L098	56.9	68.2			13 Sept 90
Kidney	MM4K099	97.5	98.6		Yes	
Blubber	MM4B100	150.8	142.9			
ADDITIONAL SAMPLES COLLECTED:						
Bile, blubber to NWC, ECD, NMFS Seattle, WA Jawbone, histology samples to OAD, NOAA Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB						

NORTHERN FUR SEAL (*Callorhinus ursinus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-008		23 July 90			Bering Sea, St. Paul Is., Zapadni Rookery	57°09'\170°20.1'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Sub adult	103.5	21.3			1.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L101	124.2	126.0		Yes	
Kidney	MM4K102	81.2	80.3		Yes	
Blubber	MM4B103	140.0	141.7			
ADDITIONAL SAMPLES COLLECTED:						
Bile, blubber, liver to NWC, ECD, NMFS Seattle, WA Jawbone, histology sample to OAD, NOAA Jawbone, histology sample transferred from OAD, NOAA to NIST/NBSB						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-009		23 July 90			Bering Sea, St. Paul Is., Zapadni Rookery	57°09'\170°20.1'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L104	137.5	144.5		Yes	-
Kidney	MM4K105	90.2	86.1		Yes	
Blubber	MM4K105	139.8	156.2			

ADDITIONAL SAMPLES COLLECTED:

Bile, blubber, liver to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-010		24 July 90			Bering Sea, St. Paul Is., Reef Rookery	57°09'\170°20.1'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	94.6	15.8			0.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L107	146.0	101.9		Yes	18 Sept 90
Kidney	MM4K108	66.6	68.5		Yes	
Blubber	MM4B109	90.0	96.7			

ADDITIONAL SAMPLES COLLECTED:

Bile, blubber to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-011		24 July 90			Bering Sea, St. Paul Is., Reef Rookery	57°06.6'\170°17.6'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	43.2	17.3			0.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L110	71.6	89.1		Yes	21 Sept 90
Kidney	MM4K111	70.8	69.8		Yes	
Blubber	MM4B112	64.1	54.4			

ADDITIONAL SAMPLES COLLECTED:

Bile, blubber to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-012		24 July 90			Bering Sea, St. Paul Is., Reef Rookery	57°06.6'\170°17.6'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	99.1	20.2			1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L113	136.0	132.4		Yes	
Kidney	MM4K114	92.0	90.3		Yes	
Blubber	MM4B115	94.4	107.6			

ADDITIONAL SAMPLES COLLECTED:

Bile to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-013		24 July 90			Bering Sea, St. Paul Is., Reef Rookery	57°09'\170°20.1'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3		20.2			1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L116	154.1	127.0		Yes	
Kidney	MM4K117	90.7	98.0		Yes	
Blubber	MM4B118	129.3	98.6			

ADDITIONAL SAMPLES COLLECTED:

Bile to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-014		24 July 90			Bering Sea, St. Paul Is., Reef Rookery	57°06.6'\170°17.6'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Sub adult	95.9	15.9			0.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L119	119.3	124.2		Yes	
Kidney	MM4K120	92.4	91.5		Yes	
Blubber	MM4B121	100.0	103.7			

ADDITIONAL SAMPLES COLLECTED:

Liver, blubber to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-015		24 July 90			Bering Sea, St. Paul Is., Reef Rookery	57°06.6'\170°17.6'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3	104.1	17.4			1.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L122	117.2	148.3		Yes	
Kidney	MM4K123	70.3	70.2		Yes	
Blubber	MM4B124	126.0	116.5			

ADDITIONAL SAMPLES COLLECTED:

Bile to NWC, ECD, NMFS Seattle, WA
Jawbone, histology samples to OAD, NOAA
Jawbone, histology samples transferred from OAD, NOAA to NIST/NBSB

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-016		6 July 97			St Paul Island, Zapadni Rookery	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		99.1			63.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L646	139.6	133.3		Yes	
Kidney	MM12K647	93.6	94.7		Yes	
Blubber	MM12B648	101.3	84.4			
Serum	MM12S649					

ADDITIONAL SAMPLES COLLECTED:

Jawbone to NIST
Liver, kidney for histology to AFIP
Blood Serum to NVSL

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-017		6 July 97			St Paul Island, Zapadni Rookery	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		110.5			78.7	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L650	141.9	142.0		Yes	
Kidney	MM12K651	96.5	108.6		Yes	
Blubber	MM12B652	97.1	106.5			
Serum	MM12S653					

ADDITIONAL SAMPLES COLLECTED:

Jawbone to NIST
Liver, kidney for histology to AFIP
Blood serum to NVSL

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-018		6 July 97			St Paul Island, Zapadni Rookery	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		111.8			78.7	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L654	136.6	128.4		Yes	
Kidney	MM12K655	91.1	92.1		Yes	
Blubber	MM12B656	97.2	104.4			
Serum	MM12S657					

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney for histology to AFIP
Jawbone to NIST
Blood serum to NVSL

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-019		6 July 97			St Paul Island, Zapadni Rookery	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		123.2			65.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L658	146.3	149.3		Yes	
Kidney	MM12K659	106.6	112.9		Yes	
Blubber	MM12B660	88.6	78.1			
Serum	MM12S661					
ADDITIONAL SAMPLES COLLECTED:						
Jawbone to NIST Liver, kidney for histology to AFIP Blood serum to NVSL						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-020		6 July 97			St Paul Island, Zapadni Rookery	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		111.8			63.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L662	114.5	120.4		Yes	
Kidney	MM12K663	81.6	80.4		Yes	
Blubber	MM12B664	98.0	107.0			
Serum	MM12S665					
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney for histology to AFIP Jawbone to NIST Blood serum to NVSL						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-021		6 July 97			St Paul Island, Zapadni Rookery	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		154.9			101.6	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L666	143.8	138.5		Yes	
Kidney	MM12K667	152.3	153.6		Yes	
Blubber	MM12B668	142.6	149.4			
Serum	MM12S669					

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney for histology to AFIP
Jawbone to NIST
Blood serum for NVSL

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-022		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L167C	129.0	113.4		Yes	
Kidney	MM16K168C	95.1	96.0		Yes	
Blubber	MM16B169C	145.4	155.7			22 Oct 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-023		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L170C	148.4	151.1		Yes	
Kidney	MM16K171C	112.7	106.8		Yes	
Blubber	MM16B172C	146.3	157.8			26 Oct 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-024		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L173C	119.5	171.1		Yes	
Kidney	MM16K174C	113.5	105.0		Yes	
Blubber	MM16B175C	166.8	150.3			15 Nov 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-025		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L176C	59.0			Yes	
Kidney	MM16K177C	96.6	91.2		Yes	
Blubber	MM16B178C	160.7	163.6			19 Nov 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-026		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L179C	150.5	161.1		Yes	
Kidney	MM16K180C	114.5	110.1		Yes	
Blubber	MM16B181C	160.7	147.1			21 Nov 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-027		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L182C	89.2	81.4		Yes	
Kidney	MM16K183C	130.5	132.2		Yes	
Blubber	MM16B184C	164.9	153.8			6 Dec 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-028		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	31.4			
Liver	MM16L185C	137.8	176.8		Yes	
Kidney	MM16K186C	105.3	104.9		Yes	
Blubber	MM16B187C	166.6	151.5			7 Dec 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-029		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L188C	51.8			Yes	
Kidney	MM16K189C	102.6	98.0		Yes	
Blubber	MM16B190C	134.8	126.3			10 Dec 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-030		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L191C	45.0			Yes	
Kidney	MM16K192C	113.5	122.6		Yes	
Blubber	MM16B193C	150.7	169.6			12 Dec 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-031		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L194C	55.1			Yes	
Kidney	MM16K195C	123.3	121.7		Yes	
Blubber	MM16B196C	140.9	167.9			13 Dec 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-032		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM16K197C	96.8	102.4		Yes	
Blubber	MM16B198C	92.0	73.2		Yes	18 Dec 01
ADDITIONAL SAMPLES COLLECTED:						
Liver and kidney for histology to AFIP						

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-033		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L199C	76.1	82.2		Yes	
Kidney	MM16K200C	78.0	90.9		Yes	
Blubber	MM16B201C	105.7	114.9			19 Dec 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-034		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L202C	53.7			Yes	
Kidney	MM16K203C	100.1	89.4		Yes	
Blubber	MM16B204C	87.1	65.5			21 Dec 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-035		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L205C	149.7	163.6		Yes	
Kidney	MM16K206C	86.6	97.8		Yes	
Blubber	MM16B207C	147.9	111.6			27 Dec 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-036		10 Jul 00			St. Paul Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L208C	114.8	168.9		Yes	
Kidney	MM16K209C	95.4	89.8		Yes	
Blubber	MM16B210C	153.5	150.0			31 Dec 01

ADDITIONAL SAMPLES COLLECTED:

Liver and kidney for histology to AFIP

NORTHERN FUR SEAL (*Callorhinus ursinus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-FRSL-037		24 Jul 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L480C	142.12	149.08		Yes	
Blubber	MM19B481C	86.0	89.35		Yes	

ADDITIONAL SAMPLES COLLECTED:

Stomach to Gay Sheffield (ADF&G)
Muscle, blubber to Tami Mau (UAF)
Blubber, liver, skin to ADF&G
Blubber, liver to Peggy Krahn (NMFS)
Skeleton to UAF Museum
Intestines to Lora Ballweber
Blubber to John Reynolds (Mote)
Kidney, liver, muscle, jaw, lymph nodes, parasites, pancreas, lung, eye to Lara Dehn (UAF)

ELEPHANT SEAL (*Mirounga angustirostris*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-ELSL-001		30 May 96			Izembek NWR, Cold Bay, AK King Cove, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M			90			2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L392	169.6	171.0		Yes	
Kidney	MM11K393	155.3	154.3			
Blubber	MM11B394	143.8	147.2			

ADDITIONAL SAMPLES COLLECTED:

Skin for genetics
Liver, blubber to UAF
Liver to NWFSC
Histology samples sent 6/5/96

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WLRS-001		3 June 93			Bering Sea, Norton Sound, Nome	64°05'\165°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	12-15					2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L253	113.7	128.3			
Kidney	MM7K254	124.3	85.4			
Blubber	MM7B255	95.6	105.5			4 Dec 97

ADDITIONAL SAMPLES COLLECTED:

2 Teeth to NIST/NBSB

1 Tooth for aging transferred from NIST/NBSB to U.S. Wildlife, Anchorage, AK

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-002		3 June 93			Bering Sea, Norton Sound, Nome	64°15'\165°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8-10					2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L256	115.9	84.3			
Kidney	MM7K257	150.4	169.6			
Blubber	MM7B258	103.1	95.7			

ADDITIONAL SAMPLES COLLECTED:

3 Teeth to NIST/NBSB

1 Tooth for aging transferred from NIST/NBSB to U.S. Wildlife, Anchorage, AK

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WLRS-003		30 May 94			Nome	64°14'\165°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	19	284		52	300	5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L298	166.1	169.5		Yes	
Kidney	MM9K299	163.8	166.1		Yes	
Blubber	MM9B300	167.3	166.3		Yes	28 Apr 98

ADDITIONAL SAMPLES COLLECTED:

2 Teeth -Age determined by teeth by Joel Miller, USFWS Anchorage, AK
Histology to NIST/NBSB

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-004		30 May 94			Nome	64°14'\165°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	21	312		55		3.25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L301	170.4	140.0		Yes	
Kidney	MM9K302	166.0	150.7		Yes	
Blubber	MM9B303	153.2	158.9			8 Dec 97

ADDITIONAL SAMPLES COLLECTED:

2 Teeth - Age determined from teeth by Joel Miller,USFWS Anchorge,AK
Histology to NIST/NBSB

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-005		30 May 94			Nome	64°14'\165°25'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	18	284		53		3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L304	165.6	178.6		Yes	
Kidney	MM9K305	167.5	173.5		Yes	
Blubber	MM9B306	204.5	208.8		Yes	20 Nov 97
ADDITIONAL SAMPLES COLLECTED:						
2 teeth - Age determined from teeth by Joel Miller,USFWS Anchorage,AK Histology to NIST/NBSB						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-006		17 May 95			West of Gambell, Bering Sea	63°49'18"\172°24'19"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8	290				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L348	108.2				
Kidney	MM10K349	77.9				
Blubber	MM10B350	78.8				
ADDITIONAL SAMPLES COLLECTED:						
Reprod., teeth to USFWS, MMM, Anchorage						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-007		17 May 95			west of Gambell, Bering Sea	65°53'20"\172°21'52"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8-10	272				8.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L351	132.3				
Kidney	MM10K352	151.5	128.5			
Blubber	MM10B353	96.1				

ADDITIONAL SAMPLES COLLECTED:

Teeth for aging
Reprod tract to USFWS, MMM, Anchorage, AK

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-008		17 May 95			West of Gambell, Bering Sea	65°53'20"\172°21'52"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	5-6	282				6.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L354	156.8				
Kidney	MM10K355	158.2				
Blubber	MM10B356	145.3				

ADDITIONAL SAMPLES COLLECTED:

Reprod & teeth to USFWS, MMM, Anchorage

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-009		24 May 95			NE of Gambell, AK	64°09'53"\170°34'57"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	10-15	363				1.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L357	160.2			Yes	
Kidney	MM10K358	133.5			Yes	

ADDITIONAL SAMPLES COLLECTED:

Teeth collected
Liver, kidney, lung, pancreas for histology
Liver, kidney to FWS
Blood samples

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-010		24 May 95			NE of Gambell, AK	64°09'53"\170°34'57"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Calf					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L359	79.5				
Kidney	MM10K360	11.9				
Blubber	MM10B361	60.6				

ADDITIONAL SAMPLES COLLECTED:

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-011		24 May 95			NE of Gambell, AK	64E08'22" 170E31'33"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8-10	237				2.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L362	157.1			Yes	
Kidney	MM10K363	156.8			Yes	
Blubber	MM10B364	57.6				

ADDITIONAL SAMPLES COLLECTED:

Teeth collected
Liver, kidney for histology to USFWS, MMM, Anchorage, AK
Tongue, blood

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-012		27 May 95			SSW of Gambell, AK	63E49'85"172E16'88"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8-10	265				3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L365	167.8			Yes	
Kidney	MM10K366	158.4			Yes	
Blubber	MM10B367	110.5				

ADDITIONAL SAMPLES COLLECTED:

Reprod & teeth to USFWS, Walrus Harvest Monitoring Project
Liver, kidney for histology to USFWS, MMM, Anchorage, AK
Liver, kidney to USFWS for contaminant samples

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-013		19 May 96			Gambell, AK	63E52'21.5/171E47'34.4
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	275				3.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L389	151.1	167.4		Yes	
Kidney	MM11K390	154.2	161.5		Yes	
Blubber	MM11B391	151.5	153.6			24 Nov 97

ADDITIONAL SAMPLES COLLECTED:

Blood (sera, plasma, smears) to USFWS

Heart, liver, pancreas, lung, kidney for histology to USFWS

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-014		20 May 96			Bering Sea, St Lawrence Island	63E54.4'/171E06.9'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	6-9	270			275	6.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L413	145.4	177.9		Yes	
Kidney	MM11K414	167.6	153.8		Yes	
Blubber	MM11B415	154.7	94.7			24 Apr 98

ADDITIONAL SAMPLES COLLECTED:

Blood sera, plasma, smears

Heart, lung, spleen, pancreas, liver, kidney for histology to USFWS #G96-0748

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-015		7 Oct 96			Round Island, AK	58E36'.45/159E57'.63
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈16-25	300			290	23
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L515	105.3				
Kidney	MM11K516	92.8				

ADDITIONAL SAMPLES COLLECTED:

USFWS #RI960016

Heart, lung, liver, kidney, spleen, muscle, bladder, blood, urine, teeth for histology to Dana Seagars (USFWS/MMM)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WLRS-016		9 Oct 96			Round Island, AK	58E36'.45/159E57'.63
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈16-25	285			304	63
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L517	137.0	131.0			
Kidney	MM11K518	121.6	131.0			
Blubber	MM11B519	138.8	117.1			18 Nov 97

ADDITIONAL SAMPLES COLLECTED:

USFWS #RI960017

Histology, heart, lung, liver, spleen, kidney, pancreas, bladder, urine, blood, teeth, 1 anomalous tissue for histology to Dana Seagars (USFWS/MMM)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-017		9 Oct 96			Round Island, AK	58E36'.45/159E57'.63
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈16-25	140.1				31
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L520	147.7	147.6			
Kidney	MM11K521	159.0	158.2			
Blubber	MM11B522	119.4				25 Nov 97

ADDITIONAL SAMPLES COLLECTED:

USFWS #RI960018

Heart, lung, liver, kidney, spleen, pancreas, blood, teeth for histology to Dana Seagars (USFWS/MMM)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-018		10 Oct 96			Round Island, AK	58E36'.45/159E57'.63
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈16-25	270			296	33
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L523	140.1	145.1			
Kidney	MM11K524	115.8	134.9			
Blubber	MM11B525	106.2				1 Dec 97

ADDITIONAL SAMPLES COLLECTED:

USFWS #RI960019

Heart, lung, liver, kidney, bladder, muscle, spleen, pancreas, anomalous tissue or lymph node for histology to Dana Seagars (USFWS/MMM)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-019		15 Oct 96			Round Island, AK	58E36'.45/159E57'.63
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈16-25	318				50
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L526	137.4	134.6			
Kidney	MM11K527	135.1	134.6			

ADDITIONAL SAMPLES COLLECTED:

USFWS #RI960016

Heart, lung, liver, kidney, spleen, pancreas, muscle, bladder, blood, urine, teeth, muscle to for histology to Dana Seagars (USFWS/MMM)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-020		15 Oct 96			Round Island, AK	58E36.45/159E57.63
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
	≈15	336				17
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L550	113.2	95.2		Yes	
Kidney	MM11K551	135.2	141.2		Yes	
Blubber	MM11B552	102.5				3 Dec 97

ADDITIONAL SAMPLES COLLECTED:

USFWS #RI960020

Urine, blood, teeth, muscle

Heart, lung, liver, kidney, spleen, muscle for histology to Dana Seagars (USFWS/MMM)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-021		13 May 98			Nome, AK	64.5N/165.4W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L700	139.9	12.8		Yes	
ADDITIONAL SAMPLES COLLECTED.						
Liver for histology to AFIP						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-022		1 Oct 98			Round Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	300			270	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM14L739					
Kidney	MM14K740					
ADDITIONAL SAMPLES COLLECTED:						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-023		1 Oct 98			Round Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	275			340	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM14L741					
Kidney	MM14K742					
ADDITIONAL SAMPLES COLLECTED:						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-WRLS-024		1 Oct 98			Round Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	292			330	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM14L743					
Kidney	MM14K744					
ADDITIONAL SAMPLES COLLECTED:						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-022		16 Oct 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM15K001C	165	169		Yes	
Blubber	MM15B002C	188	164			

ADDITIONAL SAMPLES COLLECTED:

*DUPLICATE ID NUMBER
Spleen, kidney, skin, reproductive tract, muscle, lymph nodes for histology
Skin for DNA analysis to G. O'Corey-Crow
NSB #97-WA-1

*NOTE: Two animals were labeled 692-WLRS-022. One is stored at the NBSB Gaithersburg facility and the other at the Charleston facility. These animals can be differentiated by storage location information.

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-026		9 May 99			Gambell, AK	63E97715'/171E52493'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult (≈ 10 years)		850			4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L009C	92.4	94.3			
Kidney	MM15K010C	113.6	114.8			
Blubber	MM15B011C	98.8	104.3			

ADDITIONAL SAMPLES COLLECTED:

Muscle for myoglobin study to Dr. Jen Burns
GAM 99-2, WHMP: G99-0900

PACIFIC WALRUS (*Odobenus rosmarus divergens*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-027		9 May 99			Gambell, AK	63E93969'/171E42218'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					4.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L012C	95.3	100.3			
Kidney	MM15K013C	104.3	101.9			
Blubber	MM15B014C	120.1	93.5			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, blubber, whiskers GAM 99-3, WHMP: G99-0361						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-028		9 May 99			Gambell, AK	63E93969'/171E42218'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					4.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L015C	94.3	89.2			
Kidney	MM15K016C	91.9	92.3			
Blubber	MM15B017C	125.4	150.2			
ADDITIONAL SAMPLES COLLECTED:						
GAM 99-4, WHMP: G99-0362 Whiskers, back muscle						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-029		9 May 99			Gambell, AK	63E93969'/171E42218'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					4.0-4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L018C	87.7	103.3			
Kidney	MM15K019C	127.5	100.5			
Blubber	MM15B020C	106.0	101.7			

ADDITIONAL SAMPLES COLLECTED:

Whiskers, back muscle
GAM 99-5, WHMP: G99-0363

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-030		9 May 99			Gambell, AK	63E93969/171E42218
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L021C	92.6	109.8			
Kidney	MM15K022C	100.9	101.1			
Blubber	MM15B023C	87.7	83.3			

ADDITIONAL SAMPLES COLLECTED:

Back muscle, liver, kidney, blubber, teeth, whiskers
GAM 99-6, WHMP: G99-0364

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-031		9 May 99			Gambell, AK	63E93969'/171E42218'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					3.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L024C	104.1	103.9			
Kidney	MM1K025C	85.1	85.9			
Blubber	MM1B026C	85.4	82.3			
ADDITIONAL SAMPLES COLLECTED:						
GAM 99-7, WHMP G99-0365						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-032		12 May 99			Gambell, AK	64E10287'/171E05286'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈12 years		800			3.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L030C	137.4	128.6			
Kidney	MM15K031C	70.4	54.5			
Blubber	MM15B032C	72..8	64.7			
ADDITIONAL SAMPLES COLLECTED:						
GAM 99-9, WHMP: G99-0480						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-033		11 May 99			Gambell, AK	64E11219'/171E03799'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult		1500			7.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L033C	97.7	93.4			
Kidney	MM15K034C	116.0	136.0			

ADDITIONAL SAMPLES COLLECTED:

Teeth for aging to USFWS
GAM 99-10, WHMP: G99-0479

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-034		18 July 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		396				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM15K076C	157	180		Yes	
Blubber	MM15B077C	153	163			

ADDITIONAL SAMPLES COLLECTED:

Kidney, muscle for histology to T. O'Hara (NSB, DWM-CIFAR)

PACIFIC WALRUS (*Odobenus rosmarus divergens*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-035		9 July 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L509C	57	122	95		
Blubber	MM19B510C	83				
ADDITIONAL SAMPLES COLLECTED:						
W-01-03 Tooth for aging						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-036		19 May 02			Savoonga, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	7 (tooth)					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L544C	135.88	176.06			
Kidney	MM19K545C	137.32	137.55			
Blubber	MM19B546C	262.17	150.69			
ADDITIONAL SAMPLES COLLECTED:						
MTRP Cert. #43824 Tooth for aging – 7 years						

PACIFIC WALRUS (*Odobenus rosmarus divergens*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-WLRS-037		27 July 04			Cape Lisburne, Chukchi Sea, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	411.48	385.55			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L578C	146.85	152.48			
Kidney	MM20K579C	128.94	140.46			
Blubber	MM20B590C	176.81	181.50			
ADDITIONAL SAMPLES COLLECTED:						
Blubber samples could not be rid of all gravel bits						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-001		26 May 89			Chukchi Sea, Point Hope	68E20' 166E50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	16*	342.9		74.9		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L069	178.6	169.6		Yes	12 Oct 90
Kidney	MM3K070	148.0	169.0		Yes	
Blubber	MM3B071	121.9	132.5			24 Sept 90

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Age determined by Robert Suydam.
Lower jaw with teeth, blubber, liver, reproductive organs, kidney, skin to NSB DWM, ID # HDL-5-89
Histology samples to OAD NOAA
Histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-002		25 May 89			Chukchi Sea, Point Hope	68E20' 166E50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	9*	309.9		71.1		7.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L072	148.0	166.6		Yes	3 May 90
Kidney	MM3K073	155.6	163.1		Yes	
Blubber	MM3B074	129.9	132.0			25 Sept 90

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.
Lower jaw with teeth, blubber, liver, reproductive organs, kidney, skin to NSB DWM, ID # HDL-3-89
Histology samples to OAD, NOAA
Histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-003		25 May 89			Chukchi Sea, Point Hope	68E20' 166E50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	20*	348				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L075	156.1	170.1		Yes	3 May 90
Kidney	MM3K076	176.3	175.0		Yes	
ADDITIONAL SAMPLES COLLECTED:						
*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam. Lower jaw with teeth, liver, reproductive organs, kidney to NSB DWM, ID # HDL-2-89 Histology samples to OAD, NOAA Histology samples transferred from OAD, NOAA to NIST/NBSB						

BELUGA WHALE (*Delphinapterus leucas*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-004		19 May 89			Chukchi Sea, Point Hope	68E20' 166E50'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	11*	348				7.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM3L077	125.1	130.4		Yes	16 Oct 90
ADDITIONAL SAMPLES COLLECTED:						
*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam. Lower jaw with teeth, blubber, liver, reproductive organs, stomach content, skin to NSB DWM, ID # HDL-1-89 Histology sample to OAD, NOAA Histology sample transferred from OAD, NOAA to NIST/NBSB						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-005		11 July 90			Chukchi Sea, Point Lay	69E05 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	30*	394		103		3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L125	175.75	169.6		Yes	26 Aug 92
Kidney	MM4K126	169.2	160.85		Yes	
Blubber	MM4B127	131.1	131.85			8 Jan 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.

Teeth, skin to NSB DWM, ID # LDL-2-90

Teeth, histology samples to OAD, NOAA

Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-006		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5	430		102		6.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L128	184.9	180.8		Yes	27 Aug 92
Kidney	MM4K129	154.65	176.75		Yes	
Blubber	MM4B130	152.8	146.2			9 Jan 91

ADDITIONAL SAMPLES COLLECTED:

Teeth to NSB DWM, Barrow, AK, ID # LDL-31-90

Histology samples to OAD, NOAA

Histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-007		11 July 90			Chukchi Sea, Point Lay	69E05 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	43*	363		88		7.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L131	174.5	158.25		Yes	19 Oct 90
Kidney	MM4K132	159.75	159.8		Yes	24 Oct 95
Blubber	MM4B133	140.9	137.2			28 Sept 90

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.
Teeth, reproductive organs to NSB DWM, ID # LDL-10-90
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-008		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	13*	364				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L134	172.0	160.15		Yes	3 Sept 92
Kidney	MM4K135	140.9	139.25		Yes	
Blubber	MM4B136	130.0	135.9			16 Jan 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.
Teeth to NSB DWM, ID # LDL-62-90
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-009		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	13*	348		82		3.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L137	169.3	168.1		Yes	26 May 92
Kidney	MM4K148	167.3	160.9		Yes	
Blubber	MM4B139	139.0	141.9			18 Jan 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.

Teeth to NSB DWM, ID # LDL-34-90

Histology samples to OAD, NOAA

Histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-010		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	23*	400		105		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L140	164.7	173.5		Yes	4 Sept 92
Kidney	MM4K141	176.2	171.5		Yes	
Blubber	MM4B142	116.3	116.9			23 Jan 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.

Teeth to NSB DWM, ID # LDL-60-90

Teeth, histology samples to OAD, NOAA

Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-011		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	28*	433		100		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L143	162.7	143.0		Yes	28 May 92
Kidney	MM4K144	154.35	165.6		Yes	25 Oct 95
Blubber	MM4B145	95.5	80.6			24 Jan 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.

Teeth to NSB DWM, ID # LDL-59-90

Teeth, histology samples to OAD, NOAA

Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-012		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	55*	375		84		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L146	185.2	169.75		Yes	24 Oct 90
Kidney	MM4K147	156.6	172.25		Yes	
Blubber	MM4B148	142.55	133.45			2 Oct 90

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.

Teeth, reproductive organs to NSB DWM, ID # LDL-8-90

Teeth, histology samples to OAD, NOAA

Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-013		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	26*	434		98		8.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L149	161.0	168.1		Yes	2 Jun 92
Kidney	MM4K150	179.8	160.95		Yes	7 Nov 95
Blubber	MM4B151	147.1	148.25			28 Jan 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.
Teeth, skin to NSB DWM, ID # LDL-16-90
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-014		11 July 90			Chukchi Sea, Point Lay	69E05' 163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	23*	351		82		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM4L152	169.4	172.85		Yes	9 Jun 92
Kidney	MM4K153	158.1	156.2		Yes	
Blubber	MM4B154	146.7	149.9			1 Feb 91

ADDITIONAL SAMPLES COLLECTED:

*Age is based on the number of growth rings counted in teeth, not an absolute age. Teeth counted by Robert Suydam.
Teeth, reproductive organs to NSB DWM, ID # LDL-9-90
Teeth, histology samples to OAD, NOAA
Teeth, histology samples transferred from OAD, NOAA to NIST/NBSB

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-015		6 Oct 92			Cook Inlet	60E35.1' 151E19.0'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	373.3		78.7		15.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L216	170.9	175.4			19 Jan 93
Kidney	MM6K217	157.3	147.6			19 Apr 96
Blubber	MM6B218	138.3	151.7			28 Nov 94

ADDITIONAL SAMPLES COLLECTED:

NMFS Western Alaska Field Office, ID # Kenai Beluga 3
Skin, teeth to NMFS, NMML
Liver to UAF, Alaska Frozen Tissue Collection, Fairbanks, AK
Skin to ADF&G, Fairbanks, AK

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-016		23 July 94			Anchorage, Upper Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		472				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM9B328	115.2	133.6			5 June 95

ADDITIONAL SAMPLES COLLECTED:

NMFS field # CIBSUBS001

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-017		22 July 94			Anchorage, Upper Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		305				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM9B329	117.5	126.4			6 June 95
ADDITIONAL SAMPLES COLLECTED:						
NMFS field # CIBSUBS002						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-018		23 July 94			Anchorage, Upper Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		305				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM9B330	94.1	73.0			9 Jun 95
ADDITIONAL SAMPLES COLLECTED:						
NMFS field # CIBSUBS003						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-020		20 May 95			Kachemak Bay, Cook Inlet	59E35' 151E52'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	240		65	176	11.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L331	164.9	176.3			31 Jul 95
Blubber	MM10B332	143.4	146.3			14 Jun 95
ADDITIONAL SAMPLES COLLECTED:						
Lower jaw						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-021		3 June 95			Upper Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Large adult	409		97		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L333	171.4	162.5		Yes	12 Aug 96
Kidney	MM10K334	173.3	165.6		Yes	15 Aug 96
Blubber	MM10B335	148.8	156.5			21 Jun 95
ADDITIONAL SAMPLES COLLECTED:						
Gonad, stomach, skin for histology to NIST/NBSB						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-022		9 May 95			Big Island, Susitna River Flats	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Young	360		85	210	5.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L336	163.0	176.6		Yes	9 Aug 96
Kidney	MM10K337	184.7	172.3		Yes	7 Aug 96
Blubber	MM10B338	159.4	155.3			22 Jun 95

ADDITIONAL SAMPLES COLLECTED:

Heart, muscle for histology to NIST/NBSB
Skin, liver, blubber, heart to National Cont. Monitoring Prog
Blubber, blood to Univ. of Hawaii
Muscle for radionuclides analysis to U.S. Navy
Heart, muscle, liver, kidney to UA Museum
Jawbone and teeth

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-023		6 June 95			Big Island Susitna River Flat, Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		353.1		71.1	213.4	6.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L339	175.7	187.2		Yes	6 Aug 96
Kidney	MM10K340	133.4	145.7		Yes	1 Aug 96
Blubber	MM10B341	160.5	150.7			15 June 95

ADDITIONAL SAMPLES COLLECTED:

Skin, liver, kidney, blubber, heart to National Cont. Monitoring Prog
Liver, kidney, heart to U.S. Navy
Liver, kidney, heart to UA Museum
Liver, heart, kidney for histology to NIST/NBSB
Skin for genetics to SWFSC
Lower jawbone with teeth
Blubber, blood to U of Hawaii

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-024		5 June 95			East Susitna River Upper Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Pregnant	368		84	276	10
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L342	190.4	177.5		Yes	1 Aug 95
Kidney	MM10K343	157.0	167.2		Yes	30 Jul 96
Blubber	MM10B344	158.3	150.5			16 June 95

ADDITIONAL SAMPLES COLLECTED:

Skin, liver, kidney, blubber, heart to National Cont. Monitoring Prog
Liver, kidney, heart, muscle for radionuclide work to U.S. Navy
Liver, kidney, muscle, heart to UA Museum
Liver, kidney, heart, muscle histology to NIST/NBSB
Blubber, blood to U of Hawaii
Lower jawbone with teeth to NMFS-Beaufort
Skin for genetics to SWFSC

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-025		5 June 95			East Susitna River	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Fetus from 692-BLKA-025	142.5	68	31.6	96	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L345	140.1	174.9		Yes	3 Aug 95
Kidney	MM10K346	174.3	174.1		Yes	29 Jul 96
Blubber	MM10B347	158.5	146.1			19 June 95

ADDITIONAL SAMPLES COLLECTED:

Skin, liver, kidney, blubber, heart, muscle to National Cont. Monitoring Prog
Liver, kidney, heart, muscle to U.S. Navy
Liver, kidney, heart, muscle to UA Museum
Liver, kidney, heart, muscle for histology to NIST/NBSB
Blubber, blood to U of Hawaii
Skin for genetics to SWFSC

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-026		19 June 95			Mouth of Susitna River, Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		422			280	7.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L368	175.2	168.8		Yes	8 Aug 95
Kidney	MM10K369	168.2	176.5		Yes	14 Nov 95
Blubber	MM10B370	165.6	158.4			13 July 95

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney for histology to AFIP
Muscle, liver, kidney to UA Museum
Blubber, kidney, liver, skin to NFSC
Skin to SWFSC
Jaw/tooth

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-027		27 June 95			Mouth of Beluga River, Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		377		95	244	8.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L371	178.7	175.9		Yes	9 Aug 95
Kidney	MM10K372	174.6	173.5		Yes	15 Nov 95
Blubber	MM10B373	148.9	156.1			17 July 95

ADDITIONAL SAMPLES COLLECTED:

Skin, liver, kidney, blubber, heart, muscle to National Cont Monitoring Prog
Liver, kidney, heart, muscle to UA Museum
Liver, kidney, heart, muscle histology to AFIP
Skin to SWFSC
Lower jaw

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-028		28 June 95			Beluga River, Upper Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		391		97	208	7.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L374	176.8	190.3		Yes	12 Jul 96
Kidney	MM10K375	175.5	172.0		Yes	26 Jul 96
Blubber	MM10B376	154.6	163.6			20 July 95

ADDITIONAL SAMPLES COLLECTED:

Skin, liver, kidney, blubber to National Cont. Monitoring Prog
Liver, kidney histology to AFIP
Muscle, liver, kidney to UA Museum
Skin to SWFSC
Lower jaw

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-029		11 Aug 95			Upper Cook Inlet, Big Island, Susitna River Flats	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		413		97	296	8.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM10L386	173.0	174.6		Yes	11 Jul 96
Kidney	MM10K387	172.7	171.8		Yes	25 Jul 96
Blubber	MM10B388	144.1	160.0			19 Aug 96

ADDITIONAL SAMPLES COLLECTED:

Skin, liver, kidney, blubber, heart, muscle to National Cont. Monitoring Prog
Liver, heart, kidney, muscle histology to NIST/NBSB
Liver, kidney, heart, muscle to UA Museum
Skin to SWFSC
Lower jaw

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-031		18 Jun 96			Big Island, Suitna River Flat, Cook Inlet	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		367		82	264	9.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L416	168.0	164.0		Yes	23 Apr 97
Kidney	MM11K417	167.0	158.0		Yes	24 Apr 97
Blubber	MM11B418	139.0	146.0			15 Jan 97
Muscle	MM11M419	167.0	169.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, heart to UAF #16146
Liver, kidney, skin, muscle, heart, blubber to NWFSC
Skin tissue to LaJolla, CA
Liver, kidney, heart, muscle for histology
Lower right jaw, uterine tract, ovaries, parasites(stomach & kidney),photos of animal

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-032		15 Jul 96			Cook Inlet upper, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		256		71.5		9.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L467	178.0	169.0		Yes	18 Apr 97
Kidney	MM11K468	164.0	163.0		Yes	28 Apr 97
Blubber	MM11B469	144.0	149.0			10 Jan 96
Muscle	MM11M470	158.0	169.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, skin, muscle, heart, blubber to NWFSC
Jaw for aging
Skin to LaJolla
Liver, kidney, muscle, heart to AF16119
Liver, kidney, muscle, heart, uterine tract, ovaries for histology to Chicago

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-033		29 Jul 96			Big Island, Suitna River Flat, Cook Inlet, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		359		78	274	9.1
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L463	149.0	179.0		Yes	21 Apr 97
Kidney	MM11K464	163.0	171.0		Yes	30 Apr 97
Blubber	MM11B465	137.0	150.0			13 Jan 97
Muscle	MM11M466	182.0	146.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, heart, skin, blubber to NWFSC
Liver, kidney, muscle, heart to UAF
Skin tissue to LaJolla, CA
Liver, kidney, heart, muscle, adrenal gland, pancreas, uterine tract, ovaries for histology
Whole lower jaw

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-034		29 Aug 96			Cook Inlet Upper, Point Mackenzie	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		377		79	128.5	9.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L477	179.1	181.3			17 Apr 97
Kidney	MM11K478	161.4	157.7			6 May 97
Blubber	MM11B479	142.1				6 Jan 97
Muscle	MM11M480	149.1	169.8			

ADDITIONAL SAMPLES COLLECTED:

Kidney, liver, muscle, blubber, heart to NWFSC
Skin tissue to LaJolla
Heart, kidney, liver, muscle to UAF (UAF #AF16125)
Heart, kidney, liver, muscle, adrenal gland, pancreas for histology
Kidney, liver, muscle, blubber, heart, uterine tract & ovaries to Chicago
Lower right jaw

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-035		7 Oct 96			Cook Inlet Upper, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		415		100		12.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L481	167.0	183.0		Yes	14 Apr 97
Kidney	MM11K482	163.6	175.6		Yes	8 May 97
Blubber	MM11B483	146.8	150.3			31 Dec 96
Muscle	MM11M484	167.1	155.4		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, blubber to NWFSC
Liver, kidney, muscle to UAF
Skin tissue to LaJolla, CA
Liver, kidney, muscle, adrenal, skin for histology
Head, right pectoral fin collected
Blubber, kidney, liver, muscle, blood to Illinois

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-036		7 Oct 96			Cook Inlet Upper, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		429		97		8.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM11K485	174.7	164.3		Yes	
Blubber	MM11B486	147.0	146.0			
Muscle	MM11M487	174.6	169.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Kidney, muscle, blubber, testes to NWFSC
Skin tissue to LaJolla
Kidney, muscle to UAF
Kidney, muscle, testes, skin for histology
Kidney, muscle, blubber, testes, blood to Illinois
Lower left jaw

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-037		7 Oct 96			Cook Inlet Upper, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		367		95		9.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L488	158.5	172.3		Yes	5 Feb 97
Kidney	MM11K489	177.4	162.4		Yes	9 May 97
Blubber	MM11B490	149.8	152.8			30 Dec 96
Muscle	MM11M491	162.1	164.7		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, heart, blubber to NWFSC
Liver, kidney, muscle, heart to UAF
Skin tissue to LaJolla, CA
Liver, kidney, muscle, adrenal, skin, testes, pancreas, spleen, heart for histology
Lower left jaw collected
Blubber, kidney, liver, muscle, heart, blood to Illinois
Dorsal skin, blubber ≈35 lbs. to NMML

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-038		22 Apr 98			Cook Inlet Upper, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	320		79	254	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L678				Yes	
Kidney	MM13K679				Yes	
Blubber	MM13B680					
Muscle	MM13M681				Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, heart, blubber to NWFSC
Liver, kidney, muscle, heart to UAF ID # AF19845
Skin tissue to LaJolla, CA
Liver, kidney, muscle, blubber, stomach, heart for histology
Left lower jaw, ovary, fetus collected
Blubber, kidney, liver, muscle, heart to Illinois

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-039		22 Apr 98			Cook Inlet Upper, Big Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Fetus	126	39	34	80	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L682				Yes	
Kidney	MM13K696				Yes	
Blubber	MM13B683					
Muscle	MM13B684				Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, adrenal gland, blubber, heart, intestine, kidney, lung, lymph node, muscle, pancreas, skin, spleen, stomach, tongue, thymus, thyroid, ovary, uterine horn, uterus, umbilical cord for histology
Skin to SWFSC
Liver, muscle, blubber, heart, skin to Illinois
Muscle, liver, blubber, heart, heart, skin to NWFSC
Muscle, heart, liver to UAF ID #AF19847
Skeleton, Eyes collected

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-040		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature, 14 (GLG)	315		71		8.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L436	156.2	154.8		Yes	20 Aug 96
Kidney	MM11K437	165.4	169.3		Yes	
Blubber	MM11B438	129.9	131.2			26 Dec 96
Muscle	MM11M439	161.5	162.0		Yes	22 Aug 96

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, skin, muscle for histology; lymph nodes to NSB/DWM #LDL-14-96
Jaw for aging to R Suydam
Skin for genetics to O'Curry-Crowe
Blubber, skin, muscle, liver, kidney for radionuclides to L. Cooper (Oak Ridge Lab)
Liver, kidney, muscle, spleen, adrenals, pancreas for autometallography (Hg, Se, Ag) to V. Woshner (UI)
Liver, kidney, muscle, skin, blubber for heavy metals to G. Bratton, (TAMU)

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-041		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Gray-white, 12 (GLG)	322		79		5.9
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L440	174.8	169.5		Yes	10 Apr 97
Kidney	MM11K441	150.5	159.3		Yes	
Blubber	MM11B442	156.7	139.0			3 Feb 97
Muscle	MM11M443	173.8	18[illegible].0		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, adrenals, skin for histology; ovaries, lymph nodes to NSB/DWM #LDL-08-96
Liver, kidney, muscle to UAF/FTC #16298
Jaw for aging to R Suydam (NSB/DWM)
Skin for genetics to O'Curry-Crowe (NMFS)
Blubber, skin, muscle, liver, kidney for radionuclides to L Cooper (Oak Ridge)
Liver, kidney, muscle, spleen, pancreas, adrenals for autometallography (Hg, Se, Ag) to V. Woshner (UI)
Liver, kidney, muscle, skin, blubber for heavy metals to G Bratton (TAMU)

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-042		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature, white, 34 (GLG)	393		85		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L444	163.4	154.9		Yes	9 Apr 97
Kidney	MM11K445	141.2	151.6		Yes	
Blubber	MM11B446	136.7	139.0			24 Jan 97
Muscle	MM11M447	167.9	180.1		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, adrenals, skin for histology; reproductive tract, ovaries, lymph nodes, milk; jaw for aging to NSB/DWM #LDL-03-96
Liver, kidney, muscle to UAF/FTC #16297
Skin for genetics to O'Curry-Crowe
Adrenals, liver, kidney, muscle, spleen, pancreas for autometallography to V. Woshner (UI)
Liver, kidney, muscle, skin, blubber for heavy metals to G Bratton (TAMU)
Blubber, skin, muscle, kidney, liver for radionuclides to L Cooper (Oak Ridge)

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-043		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature, 35 (GLG)	427		114		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L420	138.4	135.7		Yes	29 Aug 96
Kidney	MM11K421	155.0	140.4		Yes	
Blubber	MM11B422	134.9	152.5			16 Dec 96
Muscle	MM11M423	160.0	156.9		Yes	30 Aug 96

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal, skin, spleen, muscle, lymph nodes for histology to NSB/DWM #LDL-24-96
Jaw for aging to NSB/DWM
Lung, muscle, kidney to UAF/FTC #16300
Liver, kidney, muscle, skin, spleen, pancreas, adrenals to V. Woshner (UI)
Liver, kidney, muscle, skin, blubber to Bratton (TAMU)
Blubber, skin, muscle, kidney, liver for radionuclides to Cooper (Oak Ridge)

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-044		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature, 46 (GLG)	415		102		10.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L424	172.8	159.9		Yes	4 Sept 96
Kidney	MM11K425	162.0	173.4		Yes	
Blubber	MM11B426	133.5	163.7			13 Dec 96
Muscle	MM11M427	177.8	172.9		Yes	5 Sept 96

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, skin, muscle, lymph nodes, spleen for histology to NSB/DWM #LDL-29-96
Jaw for aging to NSB/DWM
Blubber, skin, muscle, kidney, liver for radionuclides to Oak Ridge
Liver, muscle, kidney to UAF/FTC #16301
Skin for genetics to O'Corry-Crowe
Liver, kidney, muscle, skin, blubber for heavy metals to TAMU
Liver, kidney, muscle, spleen, adrenals, pancreas for autometallography to V. Woshner

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-045		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature, 25 (GLG)	420		103		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L428	146.6	140.7		Yes	11 Sep 96
Kidney	MM11K429	173.0	167.0		Yes	
Blubber	MM11B430	123.5	148.0			12 Dec 96
Muscle	MM11M431	149.4	178.2		Yes	13 Sept 96

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal, skin, muscle, lymph nodes for histology to NSB/DWM #LDL12-96
Jaw for aging to NSB/DWM
Blubber, skin, muscle, kidney, liver for radionuclides to Oak Ridge
Liver, muscle, kidney to UAF/FTC #16302
Skin for genetics to O'Corry-Crowe
Liver, kidney, muscle, spleen, skin, blubber for heavy metals to TAMU
Liver, kidney, muscle, spleen adrenals, pancreas for autometallography to V. Woshner

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-046		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature, 28 (GLG)	396		94		7.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L432	168.2	152.2		Yes	16 Sept 96
Kidney	MM11K433	171.3	169.3		Yes	
Blubber	MM11B434	147.0	125.5			9 Dec 96
Muscle	MM11M435	170.2	169.4		Yes	18 Sept 96

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, adrenals, skin, lymph nodes for histology to NSB/DWM #16303
Jaw for aging to NSB/DWM #LDL-27-96
Liver, kidney, muscle, spleen, pancreas, adrenals for autometallography to V. Woshner
Blubber, skin, muscle, kidney, liver for radionuclides to Oak Ridge
Liver, kidney, muscle, skin, blubber for metals to TAMU
Skin for genetics to O'Corry-Crowe
Liver, kidney, muscle to UAF/FTC #16303

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-047		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	White, 33 (GLG)	333		70		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L448	175.3	166.5		Yes	4 Apr 97
Kidney	MM11K449	157.3	157.2		Yes	
Blubber	MM11B450	14.1	150.8			23 Jan 97
Muscle	MM11M451	174.3	172.5		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, skin, lymph nodes, muscle for histology
Jaw for aging; ovaries, uterus to NSB/DWM #LDL-13-96
Liver, kidney, muscle to UAF/FTC #16304
Blubber, skin, muscle, kidney, liver for radionuclides to Oak Ridge
Skin for genetics to O'Curry-Crowe
Liver, kidney, muscle, skin, blubber for heavy metals to TAMU
Liver, kidney, spleen, adrenals, pancreas for autometallography to V. Woshner

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-048		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	White, 44 (GLG)	386		89		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L455	140.5	130.1		Yes	3 Apr 97
Kidney	MM11K456	144.7	143.0		Yes	
Blubber	MM11B457	151.9	139.6			22 Jan 97
Muscle	MM11M458	168.2	180.1		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, skin, muscle for histology
Jaw for aging; ovaries, uterus to NSB/DWM #LDL-15-96
Liver, kidney, muscle to UAF/FTC #16305
Blubber, skin, muscle, kidney, liver for radionuclides to Oak Ridge
Skin for genetics to O'Curry-Crowe
Liver, kidney, muscle, skin, blubber for heavy metals to TAMU
Liver, kidney, muscle, spleen, adrenals, pancreas for autometallography to V. Woshner

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-049		1 Jul 96			Pt Lay, AK	69E05'/163E45'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	white, 16 (GLG)	333		88		6.7
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L459	174.9	172.2		Yes	2 Apr 97
Kidney	MM11K460	141.4	155.2		Yes	
Blubber	MM11B461	150.1	134.7			16 Jan 97
Muscle	MM11M462	158.5	174.6		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenals, skin, lymph nodes, muscle for histology
Jaw for aging to NSB/DWM #LDL-10-96
Liver, kidney, muscle to UAF/FTC #16306
Blubber, skin, muscle, kidney, liver for radionuclides to Oak Ridge
Skin for genetics to O'Curry-Crowe
Liver, kidney, muscle, skin, blubber for heavy metals to TAMU
Liver, kidney, muscle, spleen, adrenals, pancreas for autometallography to V. Woshner

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-050		13 May 98			Cook Inlet Upper, Big Island, Susitna River Flats	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	320				13.8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L686	159.9	163		Yes	
Kidney	MM13K687	158.5	174.8		Yes	
Blubber	MM13B688	150.9	152.6			
Heart		148.6	152.9		Yes	

ADDITIONAL SAMPLES COLLECTED:

Skin to SWFSC
Uterine tract to NMML
Lower jaw, eye, milk taken
Liver, kidney, heart for histology

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-051		13 May 98			Cook Inlet Upper, Big Island/Delta Island, Susitna River	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		450				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L689	149.9	152.2		Yes	
Kidney	MM13K690	151.4	153.9		Yes	
Blubber	MM13B691	150.4	153.4			
Heart		159.8	157.1		Yes	

ADDITIONAL SAMPLES COLLECTED:

Skin to SWFSC
Right testicle to NMML
Lower jaw, eye taken
Liver, kidney, heart for histology

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-052		16 May 98			South of Delta Island, Cook Inlet Upper	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		433		98	258	6.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L701	172	179			
Kidney	MM13K702	179	179			
Blubber	MM13B703	156	154			
Muscle	MM13M704	169	179			

ADDITIONAL SAMPLES COLLECTED:

Skin to SWFSC
Blubber, kidney, liver, muscle to IL
Testes to NMML

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-053		5 May 97			Pt Hope, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	255				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L705	157	160		Yes	
Kidney	MM13K706	177.0	162.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB # HDL-14-97
Liver, kidney, muscle, epidermis, blubber for toxicology to NSB DWM
Liver, epidermis, kidney, blubber, spleen, heart, lung, lymph node, diaphragm for histology to UI
Ovaries to Robert Suydam
Tooth for aging

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-054		13 Jul 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		440		97		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L715	176	186		Yes	20 Jul 00
Blubber	MM13B716	184	193			11 Sep 00

ADDITIONAL SAMPLES COLLECTED:

NSB ID # BDL-1-97
Muscle, kidney, skin, liver, blubber for toxicology
Tooth for aging
Liver, kidney, lung, skin, lymph node, muscle, heart for histology to UI

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-055		13 Jul 98			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	419				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L717	178	168		Yes	24 Jul 00
Kidney	MM13K718	180.0			Yes	
Blubber	MM13B719	164	194			13 Sep 00

ADDITIONAL SAMPLES COLLECTED:

NSB # BDL-2-97
Liver, kidney, muscle, blubber for toxicology
Liver, kidney, heart, lung, lymph node, muscle for histology to UI
Tooth for aging

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-056		13 Jul 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	430		99		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L720	173	154		Yes	25 Jul 00
Kidney	MM13K721	199			Yes	
Blubber	MM13B722	199	161			18 Sep 00

ADDITIONAL SAMPLES COLLECTED:

NSB ID # BDL-3-97
Muscle, kidney, skin, liver, blubber for toxicology
Tooth for aging
Liver, kidney, lung, spleen, node, muscle, heart for histology to UI
Culture on lymph node - no growth on culture

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-057		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		405				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L109C	182	182		Yes	
Kidney	MM15K110C	156	158		Yes	
Blubber	MM15B111C	155	158			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, lymph nodes, gonad, skin, muscle for histology to O'Hara (NSB)
Blubber, muscle liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, reproductive tracts, feces to O'Hara (NSB)
Blubber (dorsal cervical and umbilical) for chemistry to O'Hara (NSB)
NSB #LDL-2-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-058		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		410				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L055C	178	171		Yes	
Kidney	MM15K056C	160	156		Yes	
Blubber	MM15B057C	137				

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal, lymph node, gonad, skin, muscle, pancreas, spleen for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw collected, O'Hara (NSB)
Dorsal cervical blubber for chemistry to O'Hara (NSB)
Section testis and freeze feces, O'Hara (NSB)
NSB #LDL-3-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-059		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		339				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L058C	93	114		Yes	
Kidney	MM15K059C	118	114		Yes	
Blubber	MM15B060C	136	126			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, DNA skin sample, blood collected, O'Hara (NSB)
Dorsal cervical blubber for chemistry to O'Hara (NSB)
Feces frozen to O'Hara (NSB)
NSB #LDL-7-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-060		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		390				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L112C	144	129		Yes	
Kidney	MM15K113C	161	114		Yes	
Blubber	MM15B114C	162	149			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lymph nodes, gonad, skin, muscle for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw, blood collected to O'Hara (NSB)
Blubber for chemistry to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-8-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-061		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		435				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L061C	167	149		Yes	
Kidney	MM15K062C	142	143		Yes	
Blubber	MM15B063C	137	160			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, lymph nodes, gonad, skin, muscle, pancreas, spleen for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Dorsal cervical and umbilical blubber for chemistry to O'Hara (NSB)
Testis x-section to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-9-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-062		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		400				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L064C	160	185		Yes	
Kidney	MM15K065C	153	149		Yes	
Blubber	MM15B066C	142	61			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, lymph node, gonad, skin, muscle, spleen for histology to O'Hara (NSB)
Blubber, muscle liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Dorsal cervical blubber for chemistry to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-12-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-063		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		304				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L115C	159	168		Yes	
Kidney	MM15K116C	136	163		Yes	
Blubber	MM15B117C	138	158			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, gonad, skin, muscle for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Skin for DNA to O'Hara (NSB)
Blubber for chemistry to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-14-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-064		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		357				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L067C	158	148		Yes	
Kidney	MM15K068C	149	159		Yes	
Blubber	MM15B069C	143	141			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, abdominal lymph node, gonad, skin, muscle, pancreas, spleen for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Dorsal cervical blubber for chemistry to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-15-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-065		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		١٧٧				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L070C	174	180		Yes	
Kidney	MM15K071C	177	160		Yes	
Blubber	MM15B072C	157	162			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, lymph node, lung, gonad, skin, muscle for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Dorsal cervical blubber for chemistry to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-16-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-066		30 June 99			Pt. Lay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		338				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L073C	177	158		Yes	
Kidney	MM15K074C	152			Yes	
Blubber	MM15B075C	139	134			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, abdominal lymph node, gonad, skin, muscle, pancreas for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, abdominal lymph node for toxicology to O'Hara (NSB)
Skin for DNA to O'Hara (NSB)
Blubber for chemistry to O'Hara (NSB)
Feces to O'Hara (NSB)
NSB #LDL-18-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-067		16 July 99			Wainwright, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		663		82		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L118C	141			Yes	
Blubber	MM15B119C	146	133			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, gonad, muscle, pancreas, spleen for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw collected, feces to O'Hara (NSB)
NSB #WDL-1-99

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-068		16 July 99			Wainwright, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Neonate	206		47		
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L120C	98			Yes	
Blubber	MM15B121C	121	113			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, adrenal gland, thyroid, lung, gonad for histology to O'Hara (NSB)
Blubber, muscle, liver, kidney, thoracic lymph node, abdominal lymph node for toxicology to O'Hara (NSB)
Jaw collected, feces to O'Hara (NSB)
NSB #WDL-2-99

BELUGA WHALE (*Delphinapterus leucas*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-069		1 Oct 00			Norton Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		313			168	2.2
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L232C	179.63	174.39		Yes	
Kidney	MM16K233C	180.38	173.49		Yes	
Blubber	MM16B234C	167.90	152.74		Yes	
ADDITIONAL SAMPLES COLLECTED:						

Liver, kidney, blubber, skin, heart, upper & lower intestine, 1st & 2nd stomach, spleen, lung, pancreas, worms from stomach, gonad for histology to Kathy Burek (DVM)
½ jawbone, stomach, heart, and eyes to NSB
Heart, kidney, liver, and muscle to UAF
1 ½ kidneys to Burek
Blubber, heart, kidneys, liver, 2 gonads, and 2 skin samples to NWFSC
Skin to SWFSC
Field # 01

BELUGA WHALE (*Delphinapterus leucas*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-070		1 Oct 00			Norton Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		245			141	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L235C	189.0	180.28		Yes	
Kidney	MM16K236C	172.45	184.34		Yes	
ADDITIONAL SAMPLES COLLECTED:						

Liver, kidney, heart, upper & lower intestine, lung, muscle, pancreas, spleen 1st & 2nd stomach, and worms from stomach for histology to Kathy Burek (DVM)
Stomach subsample, lower jaw, heart, and eyes to NSB
Heart, kidney, liver, and muscle to UAF
1 kidney to Burek
Skin to SWFSC
Field #02

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-071		1 Oct 00			Norton Sound, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		238			131	3.4
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L237C	171.34	167.86		Yes	
Kidney	MM16K238C	175.16	164.77		Yes	
Blubber	MM16B239C	149.03	147.64		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, upper & lower intestine, lung, pancreas, spleen, 1st & 2nd stomachs, nodules from lung, and skin with markings for histology to Kathy Burek (DVM)
Stomach subsample, lower jaw, heart, and eyes to NSB
Heart, kidney, and liver to UAF
1 kidney to Burek
Skin to SWFSC
Field #03

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-072		2 Oct 00			E. Bering Sea, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		357			98 (½ girth)	3.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L240C	188.62	173.11		Yes	
Kidney	MM16K241C	166.48	173.64		Yes	
Blubber	MM16B242C	156.63	155.96		Yes	
Muscle	MM16M243C	173.66	186.49		Yes	

ADDITIONAL SAMPLES COLLECTED:

Blubber, skin, skin section from scar, heart, kidney, liver, muscle, adrenal gland, upper & lower intestine, lung, pancreas, spleen 1-4 stomachs, tongue, testicle and vas deferens for histology to Kathy Burek (DVM)
Stomach subsample, heart, and eyes to NSB
Heart, kidney, liver, and muscle to UAF
½ kidney to Burek
Skin to SWFSC
Teeth, ½ lower jaw to Robert (NSB)
Field #04

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-073		21 Jul 01			Upper Cook Inlet, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		345		83	250	5.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L314C	167.92	161.36		Yes	
Kidney	MM17K315C	161.77	159.75		Yes	
Blubber	MM17B316C	158.01	150.90		Yes	

ADDITIONAL SAMPLES COLLECTED:

Blubber, diaphragm, kidney, liver, lung, muscle, pancreas, skin, two spleens, second stomachs for histology
Blubber, kidney, liver, muscle, skin, milk to NWFSC
Kidney, liver, muscle to UAF
Reproductive tract to UI
Lower jawbone, 1st stomach to NMFS
Skin to SWFSC
1 and ½ kidney to Dr. Kathy Burek

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-074		12 Oct 01			Cook Inlet, Kork Arm, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Calf	166	≈90.72	39	107	2.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L317C	161.19	168.44		Yes	
Kidney	MM17K318C	153.6	155.45		Yes	
Blubber	MM17B319C	111.93	149.99		Yes	

ADDITIONAL SAMPLES COLLECTED:

Blubber, skin, heart, kidney, liver, muscle, upper & lower intestine, lung, pancreas, spleen, stomachs, mesenteric lymph node, ovary, uterine horn, uterus for histology
Blubber, heart, kidney, liver, muscle, skin to NWFSC
Heart, kidney, liver, muscle to UAF
Uterus to UI
Lower jawbone, stomach to NMFS
Skin to SWFSC

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-075		19 May 02			Bristol Bay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3 years	287			172	4.6
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L347C	178.4	185.4		Yes	
Kidney	MM18K348C	159.7	161.7		Yes	
Blubber	MM18B349C	138.5	185.4		Yes	

ADDITIONAL SAMPLES COLLECTED:

Blubber, skin, heart, kidney, liver, muscle, pancreas, spleen, gonad for histology to UAM
Heart, liver, kidney, blubber, muscle, skin, gonads to NWFSC
Liver to Kathy Burek
Lower jaw, blood (5 purple, 5 red top)

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-076		22 July 02			Cook Inlet, Susitna River, Big Island	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		457		106		14.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L413C	178.99	168.84		Yes	
Kidney	MM18K414C	170.8	179.12		Yes	
Blubber	MM18B415C	163.89	151.9		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, muscle, heart, pancreas, skin for histology to Dr. Kathy Burek, UAM
Kidney to Kathy Burek
Rt. lower jawbone to NMFS
Heart, kidney, liver, muscle, to UAF Museum
Skin to SWFSC
Stomach to ADF&G

BELUGA WHALE (*Delphinapterus leucas*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-077		1 Apr 03			Cook Inlet, Nikiski	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	fetus	130	150	29		2.2 ventral
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L469C	N/A	N/A			
Kidney	MM19K470C	N/A	N/A			
Blubber	MM19B471C	N/A	N/A			
ADDITIONAL SAMPLES COLLECTED:						
Blubber, kidney, liver for AMMTAP Reproductive tract to UI Skin to SWFSC Heart, kidney, liver, muscle, carcass to UAF Museum						

BELUGA WHALE (*Delphinapterus leucas*)						
ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-078		1 Apr 03			Cook Inlet, Nikiski	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		365		73		6 lateral
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM19K467C	120.44	124.41			
Blubber	MM19B468C	148.52	144.11			
ADDITIONAL SAMPLES COLLECTED:						
Tooth collected blubber, kidney to AMMTAP Reproductive tract to UI Skin to SWFSSC Kidney, head to SWFSC Stomach to ADF&G 1 kidney and 1 partial kidney to K. Burek Lower left jaw to NMFS						

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-079		4 Aug 03			Cook Inlet, Tyonek	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		≈ 365.76				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L553C	186.96	177.62			
Kidney	MM50K554C	179.21	167.32			

ADDITIONAL SAMPLES COLLECTED:

Tooth collected
Liver, kidney to AMMTAP
Reproductive tract to UI
Skin to SWFSC
Heart, kidney, liver, muscle, lower jaw to UAF Museum
Stomach to ADF&G
Kidney to K. Burek
Heart, kidney, liver, muscle, blubber to NWFSC

BELUGA WHALE (*Delphinapterus leucas*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BLKA-080		28 July 05			Cook Inlet, Tyonek	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		426.72				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L711C	145.4	164.6		Yes	
Kidney	MM21K712C	158.90	159.2		Yes	
Blubber	MM21B713C	148.30	148.40		Yes	

ADDITIONAL SAMPLES COLLECTED:

skin, spleen, testes; UAF Museum kidney, liver, spleen, muscle to Northwestern Laboratories

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-001		28 May 92			Chukchi Sea, Barrow	71E16' 156E56'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	853	10^4	268	720	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L197	96.7	130.0		Yes	26 Jun 92
Kidney	MM6K198	134.2	138.1		Yes	
Blubber	MM6B199	134.1	139.1			

ADDITIONAL SAMPLES COLLECTED:

Lung, liver, ventricle, baleen, stomach contents to NSB DWM, ID # 92B1
Lung, liver, kidney, rete from mouth, colonic lymph nodes, spleen, thymus, blubber to Center for Marine Mammal Immunology, UC-Davis
Blood serum to UAF
Histology samples to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-002		29 May 92			Chukchi Sea, Barrow	71E18' 156E47'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	1554	$46\text{-}60x10^3$	518		45
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM6K200	145.5	142.6		Yes	
Blubber	MM6B201	110.0	130.0			

ADDITIONAL SAMPLES COLLECTED:

NSB DWM, ID # 92B2
Sublumbar lymph nodes to Center for Marine Mammal Immunology, UC-Davis
Skin, blubber to U of Hawaii
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-003		12 Sept 92			Chukchi Sea, Barrow	71E25' 155E49'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	1460.5			946	23
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L202	170.9	176.9		Yes	
Blubber	MM6B203	130.3	157.6			

ADDITIONAL SAMPLES COLLECTED:

Ovaries, stomach contents, skin with blubber to NSB DWM, ID # 92B10
Blubber, liver, kidney to NWC, ECD, NMFS
Blubber, liver, kidney to U of Ulm, Ulm, Germany
Blood serum to UAF
Skin, blubber to U of Hawaii
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-004		17 Sept 92			Chukchi Sea, Barrow	71E25' 155E49'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Mature	1504			960	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L204	170.9	175.3		Yes	
Blubber	MM6B205	144.2	123.6			

ADDITIONAL SAMPLES COLLECTED:

Spleen, heart section, testes section, skin lesions from lower jaw, scar from skin & blubber, stomach contents, skin with blubber to NSB DWM, ID # 92B11
Blubber with skin, liver to NWC, ECD, NMFS
Blubber, liver to U of Ulm, Ulm, Germany
Blood serum to UAF
Skin, blubber to U of Hawaii
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-005		19 Sept 92			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	1201		427	780	20.3
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L206	176.9	173.2		Yes	11 Apr 95
Blubber	MM6B207	143.4	147.7			

ADDITIONAL SAMPLES COLLECTED:

Spleen, stomach contents, skin with blubber, tonsilar material, brains to NSB DWM, ID # 92B12
Blubber, liver, brain to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blubber, liver, brain to U of Ulm, Ulm, Germany
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-006		23 Sept 92			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	1495			894	25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L208	160.7	176.3		Yes	26 Jan 93
Blubber	MM6B209	137.7	155.4			

ADDITIONAL SAMPLES COLLECTED:

Ovaries, male fetus, spleen, brain, skin with blubber to NSB DWM, ID # 92B13
Blubber, liver to NWC, ECD, NMFS
Blood serum to UAF
Skin with blubber to U of Hawaii
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-007		24 Sept 92			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	1450			898	20.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L210	160.9	157.4		Yes	27 Jan 93
Blubber	MM6B211	139.8	136.0			26 May 93

ADDITIONAL SAMPLES COLLECTED:

Testes section, brain, skin with blubber to NSB DWM, ID # 92B14
Blubber, liver to NWC, ECD, NMFS
Heart, kidney, liver, muscle to UAF-Museum
Blood serum to UAF
Skin with blubber to U of Hawaii
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-008		26 Sept 92			Chukchi Sea, Barrow	71°20' 156°43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1170			736	25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L212	164.7	175.9		Yes	12 Apr 95
Blubber	MM6B213	147.3	132.3			

ADDITIONAL SAMPLES COLLECTED:

Testes section, 36 skin/blubber samples, spleen, bulbourethral gland, urine, penis & attachments, urinary bladder to NSB DWM, ID # 92B15
Blubber, liver to NWC, ECD, NMFS
Liver, muscle to UAF Museum
Blood serum to UAF
Skin, blubber to U of Hawaii
Histology samples to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-009		26 Sept 92			Chukchi Sea, Barrow	71°20' 156°43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1095			694	18.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L214	164.1	152.7		Yes	
Blubber	MM6B215	148.3	143.6			

ADDITIONAL SAMPLES COLLECTED:

Testes, 17 skin samples, spleen, brain, skin with blubber to NSB DWM, ID # 92B16
Blubber, liver to NWC, ECD, NMFS
Liver, muscle, kidney, heart to UAF Museum
Blood serum to UAF
Skin with blubber to U of Hawaii
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-010		8 Oct 92			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	750			536	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L219	156.2	158.3		Yes	
Blubber	MM6B220	125.8	130.4			

ADDITIONAL SAMPLES COLLECTED:

Ovaries, spleen, stomach contents, left scapula, brain, heart section, lung section, urogential tract, right humerus, radius, ulna, 8 damaged vertebrae, skin with blubber, serum to NSB DWM, ID # 92B17
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-011		9 Oct 92			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	876				608
NBSB SAMPLES	NBSB ID NO.	15WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM6L221	149.4	146.2		Yes	14 Apr 95
Blubber	MM6B222	135.6	119.2			

ADDITIONAL SAMPLES COLLECTED:

Spleen, brain, urogential tract, stomach contents, skin with blubber, skull to NSB DWM, ID # 92B18
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology samples to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-012		30 April 93			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		899		299	576	20
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L235	174.5	180.3		Yes	
Blubber	MM7B236	142.5	143.4			

ADDITIONAL SAMPLES COLLECTED:

NSB DWM, ID # 93B7
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology samples to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-013		2 May 93			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	920		293	690	23
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L237	187.4	180.1		Yes	20 Apr 95
Blubber	MM7B238	139.2	138.6			

ADDITIONAL SAMPLES COLLECTED:

NSB DWM. ID # 93B9
Blubber to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Muscle, cardiac muscle for DNA analysis
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-014		7 May 93			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	1105		388	680	19
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L239	163.5	150.0		Yes	24 Apr 95
Blubber	MM7B240	141.3	148.8			

ADDITIONAL SAMPLES COLLECTED:

Skeletal muscle, liver, skin with blubber to NSB DWM. ID # 93B13
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology samples to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-015		7 May 93			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	1045		352	674	15
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L241	151.5	166.1		Yes	
Blubber	MM7B242	147.0	159.7			

ADDITIONAL SAMPLES COLLECTED:

Myocardium, skeletal muscle, skin with blubber to NSB DWM, ID # 93B14
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-016		7 May 93			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	871		278	556	20
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L243	175.5	176.4		Yes	
Blubber	MM7B244	144.3	155.9			

ADDITIONAL SAMPLES COLLECTED:

Skeletal muscle, liver, skin with blubber to NSB DWM, ID # 93B15
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-017		11 May 93			Chukchi Sea, Barrow	71E20' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Juvenile	1105		304	572	18
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM7L245	154.8	156.2		Yes	
Blubber	MM7B246	14[illegible].0	160.0			

ADDITIONAL SAMPLES COLLECTED:

Skeletal muscle, liver, skin with blubber to NSB DWM, ID # 93B16
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-020		13 Oct 93			Chukchi Sea, Barrow	71E26.53' 156E53.7'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	1361			830	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM8L259	163.8	159.3		Yes	26 Apr 95
Blubber	MM8B260	140.0	140.1			

ADDITIONAL SAMPLES COLLECTED:

Kidney, liver, skeletal muscle, testes in 10% formalin, stomach contents, epididymis to NSB DWM, ID # 93B19
Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-021		18 Oct 93			Chukchi Sea, Barrow	71E18' 155E58'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Juvenile	1260			660	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM8L261	168.6	169.7		Yes	
Blubber	MM8B262	156.5	145.1			

ADDITIONAL SAMPLES COLLECTED:

Blubber, liver to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Larynx & associated structures, stomach contents to NSB DWM, ID # 93B21
Blood serum to UAF
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-022		18 Oct 93			Chukchi Sea, Barrow	71E23.38' 155E50.38'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1260		449	774	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM8B263	155.6	159.8			

ADDITIONAL SAMPLES COLLECTED:

Stomach contents to NSB DWM, ID # 93B22
Blubber to NWC, ECD, NMFS
Skin with blubber to U of Hawaii
Blood serum to UAF

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-024		11 May 94			Barrow, AK	71E23.5' 156E43'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		775		242	302 x 2	20
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L288	184.7	180.8		Yes	
Blubber	MM9B289	123.1	147.4			

ADDITIONAL SAMPLES COLLECTED:

NSB, DWM ID # 94B8
Blubber, liver to NMFS
Liver to NOS/ORCA (radionuclides)
Blood, brain to NSB, DWM
Video taken of whale
Histology sample to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-025		12 May 94			Barrow, AK	71E24.5' 156E53'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1060		319	305 x 2	15
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L290	170.5	183.8		Yes	
Blubber	MM9B291	114.3	90.7			

ADDITIONAL SAMPLES COLLECTED:

NSB DWM ID # 94B9
Liver, blubber to NWFSC
Liver for radionuclides to NOS/ORCA radionuclides
Blood, brain, hari follicle to NSB, DWM
Muscle, liver, small intestine, pancreas, lung, stomach, rostral right baleen
Video taken of whale
Histology to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-026		12 May 94			Barrow, AK	71E23' 156E49'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		825		287	365 x 2	24
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM9B292	136.3	128.5			

ADDITIONAL SAMPLES COLLECTED:

NSB, DWM ID # 94B10
Blubber to NWFSC
Blood to NSB, DWM
Video taken of whale

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-027		14 May 94			Barrow, AK	71E25' 156E44'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		869		247	272 x 2	18
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L293	177.6	175.8		Yes	
Blubber	MM9B294	123.1	121.4			

ADDITIONAL SAMPLES COLLECTED:

NSB DWM ID # 94B11
Liver, blubber to NWFSC
Liver for radionuclides to NOS/ORCA
Histology to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-028		15 May 94			Barrow, AK	71E22.5' 156E55'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		828		276	228 x 2	17
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM9L295	144.3	152.5		Yes	
Blubber	MM9B296	136.9	134.7			

ADDITIONAL SAMPLES COLLECTED:

NSB, DWM ID # 94B12
Liver, blubber to NWFSC
Lung for radionuclides to NOS/ORCA
Histology to NIST/NBSB

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-029		15 May 94			Barrow, AK	71E22.5' 156E55'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1087		381	342 x 2	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM9B297	142.0	123.8			

ADDITIONAL SAMPLES COLLECTED.

NSB DWM ID # 94B13
Blubber to NWFC

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-030					Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L406	129.8	115.2		Yes	
Blubber	MM11B395	119.6	113.5			

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #96B-1
Liver, kidney for histology to AFIP
Blubber, muscle, kidney, liver to Oak Ridge Nat Lab
Muscle, skin, kidney, liver for metals to Bratton (TAMU)

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-031		3 May 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Young					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L396	180.9	188.4		Yes	
Blubber	MM11B397	142.3	128.5			

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM # 96B-2

BOWHEAD WHALE (*Balaena mysticetus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-032		5 May 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Young					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L398					
Blubber	MM11B399					
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM # 96B-3						

BOWHEAD WHALE (*Balaena mysticetus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-033		20 May 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L400	150.7	152.7			
Blubber	MM11B401	117.6	96.1			
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM # 96B-4						

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-034		28 May 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L402	193.6	150.9			
Blubber	MM11B403	140.7	133.8			

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM # 96B-4

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-035		26 Sept 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1087			676	24
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM11B492	132.0	152.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B24
Skin, blubber, muscle, liver, kidney), blood, ballistics blubber, ovaries, L eye for histology to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Photographs of genital area, chin patch, scars/lesions to Todd O'Hara
Skin, blubber, muscle, kidney, liver for toxicology
Stomach contents

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-036		24 Sept 96			Barrow, AK	71E18'.24"/157E26'.86"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1163			692	21
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L493	140.0	149.0		Yes	
Blubber	MM11B494	144.0	148.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B22
Lliver, blubber, kidney, muscle, skin for histology
L eye, blood, ballistics blubber to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Photographs of genital area to Todd O'Hara
Skin, blubber, muscle, liver, kidney for toxicology
Cross-section of testis with epididymis

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-037		26 Sept 96			Barrow, AK	71E12'.22"/157E12'.67"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		759				23.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L495	170.0	150.0		Yes	
Blubber	MM11B496	144.0	154.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B23
Kidney, liver, atrium, ventricle, lung, spleen, muscle, skin, blubber for histology
L eye, blood, ballistics blubber, testicles & epididymis, thymus like structure, puncture wound to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Photographs (overview, scars/lesions) to Todd O'Hara
Cervical vertebrae, skull, mandibles
Liver, skin/blubber, kidney, muscle for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-038		12 Sept 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1343		439	878	25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L497	114.0	75.0		Yes	
Blubber	MM11B498	68.0	86.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B10
Skin, blubber, muscle, liver, kidney for histology
Blood, L eye to NSB
DNA TAMU
DNA to NOAA
R eye to Zhu Qian
Muscle, kidney to UA Museum
Skin/blubber, muscle, liver, kidney for toxicology
Stomach contents taken

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-039		13 Sept 96			Barrow, AK	71E25'.48"/156E14'.87"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1425			990	27
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L499	173.0			Yes	
Blubber	MM11B500	127.0	120.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B11
Skin, blubber, muscle, kidney, liver, scar tissue for histology
Blood, parasites, L eye
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Muscle, kidney to UA Museum
Photographs (overview, gential area, chin patch, white areas, scars/lesions, old bomb wound, current shoulder wound) to Dave Ramey
Stomach content collected
Skin/blubber, muscle, liver, kidney for toxicology
Male fetus (160 cm) to LSU

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-040		12 Sept 96			Barrow, AK	71E25'.48"/156E14'.87"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1266		456	830	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L501	89.0			Yes	
Blubber	MM11B502	91.0	102.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B7
Kidney, liver, muscle, blubber, skin, scar tissue for histology
Blood, L eye to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Stomach content to UO Dr Craig
Muscle, skin, blubber, liver, kidney for toxicology
Photographs (overview, genital area, chin patch, white areas, scars/lesions) to Dave Ramey

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-041		14 Sept 96			Barrow, AK	71E28'.90"/155E55'.95"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1135			780	18
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L503	110.0			Yes	
Blubber	MM11B504	139.0	141.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B12
Kidney, liver, muscle, blubber, skin for histology
Blood to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Photographs (genital area, scars/lesions) to Dave Ramey
Blubber/skin, muscle, liver, kidney for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-042		16 Sept 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		833		277	760	22
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L505	102.0			Yes	
Blubber	MM11B506	128.0	118.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B14
Kidney, liver, muscle, blubber, skin for histology
Blood, L eye to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Photographs (eyes) to Dave Ramey
Skin/blubber, muscle, liver, kidney for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-043		12 Sept 96			Barrow, AK	71E25'.48"/156E04'.56"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1214			848	25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L507	113.0			Yes	
Blubber	MM11B508	129.0	119.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B9
Kidney, liver, muscle, blubber, skin for histology
Blood, L eye to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Stomach content to UO, Dr Craig
Blubber/skin, muscle, kidney, liver for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-044		10 Sept 96			Barrow, AK	71E24'.86"/155E44'.95"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1270			790	25
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L509	136.0	112.0		Yes	
Blubber	MM11B510	134.0	149.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #96B6
Kidney, liver, muscle, blubber, skin for histology
Blood, L eye to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Stomach content to Dr Craig (UO)
Photographs (overview, genital area, chin patch, scars/lesions) to Dave Ramey
Blubber, skin, muscle, liver, kidney for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-045		19 Sept 96			Barrow, AK	71E23'/156E12'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1331			900	23
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L511	159.0			Yes	
Blubber	MM11B512	142.0	153.0		Yes	8 May 98

ADDITIONAL SAMPLES COLLECTED:

NSB #96B17
Liver, kidney, muscle, blubber, skin for histology
Blood, L eye, testis to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Photographs (overview, genital area, chin patch white areas, scars/lesions) to Dave Ramey
Skin/blubber, muscle, liver, kidney for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-046		19 Sept 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1285			800	24
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L513	151.0	110.0		Yes	
Blubber	MM11B514	152.0	141.0		Yes	6 May 98

ADDITIONAL SAMPLES COLLECTED:

NSB #96B20
Kidney, liver, muscle, blubber, skin for histology
Blood, R testis to NSB
DNA to TAMU
DNA to NOAA
R eye to Zhu Qian
Blubber/skin, muscle, liver, kidney for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-048		4 May 97			Barrow, AK	71E26.29/156E31.25
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Ingutuk	902				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L601	166.1	112.5			
Blubber	MM12B602	140.4	140.0			

ADDITIONAL SAMPLES COLLECTED:

NSB #97B1
Miking Study to NeNe Wolf (NSB)
R eye, blood serum to NSB
Radionuclides

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-049		7 May 97			Barrow, AK	71E22.85/157E00.32
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	1650				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L603	156.0	165.0		Yes	
Kidney	MM12K604	98.0	128.0		Yes	
Blubber	MM12B605	115.0	129.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #97B3
Kidney, liver, muscle, blubber/skin, lung to NSB
Lymph, kidney, liver for tissue cell culture to Jim Kaysen (Tulane University)
Liver, kidney, blubber, skin, mammary, muscle for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-050		10 May 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1008				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L606	170.0	133.0		Yes	
Kidney	MM12K607	170.0	128.0		Yes	
Blubber	MM12B608	120.0	133.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB #97B5
Blubber for ballistics study NSB/DWM
R & L eye, to NSB/DWM
Liver, kidney, spinal cord, for cell culture and RNA to Jim Kaysen (Tulane University)
Skin, blubber, muscle, kidney, liver, lung, papilary m, L.V. for histology to Todd O'Hara (NSB/DWM)

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-051		12 May 97			Barrow, AK	71E26'.81"/156E27'.03"
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1315		481	850	30
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L609	171.0	167.0		Yes	
Kidney	MM12K610	142.0	143.0		Yes	
Blubber	MM12B611	117.0	111.0		Yes	4 May 98

ADDITIONAL SAMPLES COLLECTED:

NSB #97B7

Kidney, liver, muscle, blubber, skin, lung, lesion on chin, mammary gland, vagina, urethra, colon, small intestine, ecchymotichem for histology to Todd O'Hara (NSB/DWM)

Ballistics blubber, R eye, skin for DNA, blood to NSB/DWM

Liver, kidney, blubber, skin, mammary gland, muscle for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-052		15 May 97			Barrow, AK	71E32.728'/156E10.337'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Qaiyaliq type	1351			826	28
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L612	154.0	150.0		Yes	
Kidney	MM12K613	146.0	168.0		Yes	
Blubber	MM12B614	157.0	142.0			30 Apr 98

ADDITIONAL SAMPLES COLLECTED:

NSB #97B8

R eye, L & R ovary, skin for DNA, one long baleen, blood to NSB/DWM

Skin, muscle, kidney, liver, lung, heart for histology to Todd O'Hara (NSB/DWM)

Skin, muscle, blubber, liver, kidney for toxicology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-BWHD-053		4 June 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	167			1040	32
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L003C	166.0	157.0			
Kidney	MM15K004C	166.0	194.0			
Blubber	MM15B005C	116.0	202.0			

ADDITIONAL SAMPLES COLLECTED:

Right, left ovaries for histology to V. Woshner (NSB)
Skin for DNA analysis to G. O'Corey-Crow
NSB #97B10

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-054		5 May 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L035C	164	176		Yes	
Kidney	MM15K036C	151	165		Yes	
Blubber	MM15B037C	123	124		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber for histology to O'Hara/Woshner (NSB/DWM)
NSB #99B5

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-055		5 May 99			Barrow, AK	71E19.437'/156E49.305'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F				410	820	34
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L038C	171	161		Yes	
Kidney	MM15K039C	156	144		Yes	
Blubber	MM15B040C	142	134		Yes	7 Dec 99

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, muscle, optic nerve, corpus luteus for histology to O'Hara/York
NSB #99B6

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-056		5 May 99			Barrow, AK	71E24.474'/156E33.770'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F				257	802	19
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L041C	145	177		Yes	
Kidney	MM15K042C	136			Yes	
Blubber	MM15B043C	145	165		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, spinal cord, cerebellum for histology to O'Hara/Woshner (NSB/DWM)
NSB #99B4

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-057		9 May 99			Barrow, AK	71E24.49'/156E33.66'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M				397	770	22
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L044C	153	156		Yes	
Kidney	MM15K045C	137	163		Yes	
Blubber	MM15B046C	124	138		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, blubber, optic nerve, spleen, testes, Inguinal lymph node, reproductive gland, urethra, cervical lymph, pancreas, thyroid, lung, heart for histology to O'Hara (NSB/DWM)

NSB #99B8

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-058		9 May 99			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M				335	580	20.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L047C	174	176		Yes	
Kidney	MM15K048C	157	155		Yes	
Blubber	MM15B049C	134	162		Yes	

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver, kidney for toxicology to NSB/DWM

Eye, blood and serum to NSB/DWM

Blubber for % lipid/chem profile to NSB/DWM

Liver, kidney, blubber, muscle for histology to O'Hara (NSB/DWM)

NSB #99B9

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-059		13 May 99			Barrow, AK	71E21.7'/15644'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		917		317	682	18
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L050C	178	171		Yes	
Kidney	MM15K051C	178	153		Yes	
Blubber	MM15B052C	178	153		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, muscle, optic nerve, lesion on pallete, ovary, spleen, heart, lungs, esophagus, thyroid, diaphragm, mesenteric lymph node, cerebellum, colon, SI, fore stomach and parasitic cyst, pancreas, adrenal, uterus and blubber for histology to O'Hara (NSB/DWM)
NSB #99B12

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-060		24 Apr 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M				157	327	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L161C	140.0	141.0			
Kidney	MM16K162C	97.0				
Blubber	MM16B163C	147.0	121.0			

ADDITIONAL SAMPLES COLLECTED

Blubber, muscle, liver, kidney for toxicology
Right eye in formalin, left eye frozen

*NOTE: Two animals were labeled 692-BWHD-060. These animals can be differentiated by storage location information.

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-060		29 Sep 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		865			700	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM17B274C	148.0	133.0			

ADDITIONAL SAMPLES COLLECTED

NSB# 00B7
Muscle, liver, kidney, 6 blubber (CIFAR) for toxicology
Muscle, kidney, colon, heart, small intestine, spleen, cervical lymph node, lung, adrenal, pancreas, diaphragm, liver, thyroid for histology
Muscle in formalin and frozen
Liver to Ann Pabst (UNCW)
Skin/blubber to Woods Hole

*NOTE: Two animals were labeled 692-BWHD-060. These animals can be differentiated by storage location information.

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-061		30 Sep 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		≈1,382				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM17K275C	140.0	215.0		Yes	
Blubber	MM17B276C	140.0	150.0			

ADDITIONAL SAMPLES COLLECTED

NSB# 00B11
Muscle, liver, kidney, blubber for toxicology
Muscle, liver, kidney, pancreas, testicle, epididymis, skin/blubber for histology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-062		3 Oct 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		≈1,085				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L277C	162.0	176.0		Yes	
Kidney	MM17K278C	143.0			Yes	
Blubber	MM17B279C	158.0	152.0			

ADDITIONAL SAMPLES COLLECTED

NSB# 00B12
Muscle, blubber (6 cores) for toxicology
Muscle, liver, kidney, small intestine, testicle lipid, heart, lung, spleen, colon, mesenteric lymph node, pancreas, adrenal, thyroid for histology
Muscle and liver to Ann Pabst (UNCW)
Skin to WHOI
Feces and urine

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-063		6 Oct 00			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		≈940				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L280C	150.0				
Kidney	MM17K281C	143.0	146.0			

ADDITIONAL SAMPLES COLLECTED

NSB# 00B13
Muscle for histology

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-064		3 May 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1371.6		524	990	31
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM119L482C	114	109		Yes	
Blubber	MM19B483C	141	137			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B2
Muscle, lung, Lt. testicle section, heart to UAF
Intestine and tongue for toxicology
Blood, skin, baleen, feces, Lt. eye, urine

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-065		7 May 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		899		90	568	19
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L484C	122	115		Yes	
Blubber	MM19B485C	86	141			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B3

Kidney, muscle, heart, intestine, tongue, skin,thyroid, pancreas, both eyes

BOWHEAD WHALE (Balaena mysticetus)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-066		24 May 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L486C	91	94		Yes	
Kidney	MM19K487C	110	97		Yes	
Blubber	MM19B488C	82	89			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B8

Muscle, heart, intestine, tongue, Rt. eyeball, blood

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-067		8 Oct 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		868.68			600	19
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L489C	150	154			
Kidney	MM19K490C	120	124			
Blubber	MM19B491C	117	132			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B11
Skin and spleen to TAMU
Liver, kidney, feces, urine, blubber, blood to Mote
Muscle, kidney, liver, heart, diaphragm to UAF
Lung and liver to Sandi Wise

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-068		9 Oct 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		1115.06			754	23
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L492C	108	125			
Kidney	MM19K493C	154	163			
Blubber	MM19B494C	138	143			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B12
Liver, kidney, blubber, muscle for toxicology
Rt. eye

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-069		9 Oct 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1193.8			780	26
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L495C	156	161			
Kidney	MM19K496C	140	157			
Blubber	MM19B497C	153	159			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B13
Liver, kidney, muscle, blubber for toxicology
Testi section for histology
Rt. eye, blood, skin, fecal, baleen

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-070		9 Oct 03			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1109.98			680	19
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L498C	110	118			
Kidney						
Blubber	MM19B499C	128	147			

ADDITIONAL SAMPLES COLLECTED

NSB# 03B14
Blubber, blood, kidney, muscle, skin, fecal, urine, stomach, baleen

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-071		11 Nov 05			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		860				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM21K640C	51.2				
Blubber	MM21B641C	146.69	150.00			
Muscle	MM21M642C	170.84	174.97			
ADDITIONAL SAMPLES COLLECTED						
Muscle to UAF NSB# 05B20						

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-072		11 Nov 05			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		132				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM21K643C	109.07				
Blubber	MM21B644C	145.68	145.78			
Muscle	MM21M645C	136.70	106.84			
ADDITIONAL SAMPLES COLLECTED						
Muscle to UAF NSB# 05B25						

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-73		11 Nov 05			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		860				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L646C	133.25	154.43			
Kidney	MM21K647C	106.27				
Blubber	MM21B648C	131.08	145.60			
Muscle	MM21M649C	137.03	137.51			
ADDITIONAL SAMPLES COLLECTED:						
Muscle to UAF NSB# 05B27						

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-74		19 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		950				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L650C	129.3	133.24			
Kidney	MM21K651C	55.41				
Blubber	MM21B652C	154.86	149.85			
Muscle	MM21M653C	105.77	107.39			
ADDITIONAL SAMPLES COLLECTED:						
Skin to Barb Mahoney (NMFS) Liver, spleen, muscle to UAF Museum NSB# 052B24						

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-078		20 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		920				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21K654C	137.27	144.90			
Kidney	MM21B655C	139.05	139.56			
Blubber	MM21M656C	144.74	141.30			

ADDITIONAL SAMPLES COLLECTED

Skin to Barb Mahoney (NMFS)
Kidney, liver to UAF Museum
NSB# 05B18

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-79		22 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		940				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L657C	143.98	153.16			
Kidney	MM21K658C	141.61				
Blubber	MM21B659C	154.02	156.92			
Muscle	MM21M660C	146.12				

ADDITIONAL SAMPLES COLLECTED:

Skin to Barb Mahoney (NMFS)
Muscle, liver, kidney to UAF Museum
NSB# 05B29

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-80		22 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1220				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L661C	146.91				
Kidney	MM21K6662C	157.33				
Blubber	MM21B6663C	131.85	107.02			
Muscle	MM21M664C	118.89	142.13			

ADDITIONAL SAMPLES COLLECTED:

Skin to Barb Mahoney (NMFS)
Muscle, kidney to UAF Museum
NSB# 05B26

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-082		23 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		870				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21K665C	130.62	135.88			
Kidney	MM21B666C	149.58	140.95			
Blubber	MM21M667C	135.35	124.83			

ADDITIONAL SAMPLES COLLECTED

Skin to Barb Mahoney (NMFS)
Kidney, liver to UAF Museum
NSB# 05B23

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-75		19 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		1110				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L672C	149.27	144.74		No	
Kidney	MM21K673C	121.21	131.86		No	
Blubber	MM21B674C	137.99	140.75		No	
Muscle	MM21M675C	148.34	137.60		No	

ADDITIONAL SAMPLES COLLECTED:

Skin to Barb Mahoney (NMFS)
Muscle, kidney to UAF Museum
NSB# 05B19

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-076		19 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		800				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21K676C	161.69	140.30		No	
Kidney	MM21B677C	124.26			No	
Blubber	MM21M678C	153.04	147.56		No	

ADDITIONAL SAMPLES COLLECTED

Skin to Barb Mahoney (NMFS)
NSB# 05B29

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-77		20 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		740				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L679C	62.01			No	
Kidney	MM21K680C	57.98			No	
Blubber	MM21B681C	147.43	145.80		No	
Muscle	MM21M682C	142.38	142.61		No	

ADDITIONAL SAMPLES COLLECTED:

Skin to Barb Mahoney (NMFS)
Muscle to UAF Museum
NSB# 05B22

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.		SAMPLING DATE			LOCATION	LAT / LONG
692-BWHD-081		22 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		830				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21K683C	139.30	151.33		No	
Kidney						
Blubber	MM21M684C	151.33	131.89		No	

ADDITIONAL SAMPLES COLLECTED

Skin to Barb Mahoney (NMFS)
NSB# 05B17

BOWHEAD WHALE (*Balaena mysticetus*)

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-BWHD-83		20 Jan 06			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		880				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L685C	112.30			No	
Kidney	MM21K686C	72.47			No	
Blubber	MM21B687C	136.60	152.48		No	
Muscle	MM21M688C	142.98	140.83		No	

ADDITIONAL SAMPLES COLLECTED:

Skin to Barb Mahoney (NMFS)
Muscle to UAF Museum
NSB# 05B21

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-001		30 Mar 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		168.9				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L539	134			Yes	17 Sept 97
Kidney	MM11K540	123			Yes	23 Sept 97
Adipose	MM11B541					6 Feb 97

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #PB-1-96
Liver, kidney for histology to AFIP
Muscle, kidney, liver for Radionuclides to Oak Ridge National Lab
Muscle, kidney, liver for metals to TAMU, Dr Bratton
Liver, kidney, abdominal fat for toxicology
Gall bladder
Photographs taken

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-002		26 Mar 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	176.4				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L542	117.9			Yes	15 Sept 97
Kidney	MM11K543	127			Yes	24 Sept 97
Adipose	MM11B544					11 Feb 97

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #PB-BRW-2-96
Liver, kidney for histology to AFIP
Muscle, kidney, liver to for Radionuclides to Oak Ridge National Lab
Muscle, kidney, liver for metals to Dr. Bratton (TAMU)
Liver, kidney, muscle, fat for toxicology

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-003		30 Mar 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L545	134	130		Yes	
Kidney	MM11K546	129	139		Yes	
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM # Liver, kidney for histology to AFIP						

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-004		1 May 96			Pt Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		145				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L404	166.6	171.4		Yes	
Kidney	MM11K405	114.7	124.2		Yes	
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-4-96 Liver, kidney, muscle, spleen for histology to AFIP Muscle, kidney, liver for radionuclides to Oak Ridge National Lab Muscle, kidney, liver for metals to Bratton (TAMU)						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-005		27 Sept 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	29	223.5				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L528	97.0			Yes	30 Sep 03
Kidney	MM11K529				Yes	

ADDITIONAL SAMPLES COLLECTED:

NSB/DWM #
Liver, kidney for histology to AFIP
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-006		8 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	8					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L530	133.0	126.0			6 Aug 03
Kidney	MM11K531	120.0	146.0			
Adipose	MM11B532	130.0	186.0			12 Feb 97

ADDITIONAL SAMPLES COLLECTED:

Samples taken for toxicology
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-007		6 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L533	136.0	151.0			8 Aug 03
Kidney	MM11K534	112.0	115.0			
Adipose	MM11B535	151.0	145.0			19 Feb 97
ADDITIONAL SAMPLES COLLECTED:						

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-008		12 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L536					2 Oct 03
Kidney	MM11K537					
Adipose	MM11B538	182.0	150.0			13 Feb 97
ADDITIONAL SAMPLES COLLECTED:						
Jars containing liver and kidney were not labeled to designate Reproductive tract taken to Todd O'Hara (NSB)						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-009		15 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		168				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L553	142.0	140.0			
Kidney	MM11K554	121.0				
Adipose	MM11B555	152.0	149.0			20 Feb 97
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-11-96						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-010		15 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L577	118.0	118.0			26 Aug 03
Kidney	MM11K578	152.0				
Adipose	MM11B579	156.0	137.0			15 Dec 97
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-12-96						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-011		31 Dec 96			Barrow, AK	71E20/156E42
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		183				5.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L556	141.0	143.0			
Kidney	MM11K557	170.0	148.0			
Adipose	MM11B558	146.0	136.0			24 Feb 97

ADDITIONAL SAMPLES COLLECTED:

NSB.DWM #PB-BRW-13-96
1 tube gall bladder, 1 tube of bile collected

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-012		17 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	184				0.8-1.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L559	146.0	124.0			
Kidney	MM11K560	146.0	133.0			
Adipose	MM11B561	170.0	133.0			26 Feb 97

ADDITIONAL SAMPLES COLLECTED:

NSB.DWM #PB-BRW-14-96
Histology taken for NSB/DWM

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-013		17 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Cub	155				0.3-0.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L562	140.0	139.0			
Kidney	MM11K563	139.0	103.0			
Adipose	MM11B564	142.0				5 Jan 98
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-15-96 Histology taken for NSB/DWM						

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-014		31 Dec 96			Barrow, AK	71E20/156E42
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
		137	43			0.3-0.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L565	156.0	111.0			
Kidney	MM11K566	180.0				
Adipose	MM11B567	152.0	111.0			7 Jan 98
ADDITIONAL SAMPLES COLLECTED:						
NSB.DWM #PB-BRW-16-96						

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-015		19 Oct 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F		168				4.5-5.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L568	122.0	133.0			30 Aug 03
Kidney	MM11K569	110.0	130.0	C-115.0		
Adipose	MM11B570	144.0	122.0	C-139.0		17 Dec 97
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-17-96						

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-016		4 Dec 96			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	12	241				5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L571	100.0,80.4	74.5			29 Sept 97
Kidney	MM11K572	129.0	113.0			26 Sept 97
Adipose	MM11B573	148.0	140.0			10 Sept 97
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-18-96 Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692 PLBR-017		30 Dec 96			Barrow, AK	71E20/156E42
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M		165				4.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM11L574	151.0	117.0	C-147.0		7 Oct 97
Kidney	MM11K575	157.0	157.0	C-267.0		3 Oct 97
Adipose	MM11B576	130.0	171.0			1 Oct 97
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-19-96						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-019		8 May 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L598	144.0	116.0			
Kidney	MM12K599	54.0	77.0			
Adipose	MM12B600	118.0	124.0			16 Jun 97
ADDITIONAL SAMPLES COLLECTED:						
NSB/DWM #PB-BRW-5-97 Histology to Todd O'Hara (NSB/DWM)						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-020		9 Mar 97			Gambell, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	8					5.5
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L626	118.9	143.4			
Kidney	MM12K627	139.7	128.3			
Adipose	MM12B628	120.8	129.7			24 Jun 97

ADDITIONAL SAMPLES COLLECTED:

MTRP Hide #970108
Muscle
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-021		2 Mar 97			Gambell, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	16					5.5-8.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L629	93.0	86.0			
Kidney	MM12K630	129.5	117.4			
Adipose	MM12B631	112.2	117.9			26 Jun 97

ADDITIONAL SAMPLES COLLECTED:

MTRP Hide #970106
Muscle
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-022		17 Feb 97			Point Lay by Old Village	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L632	121.1	111.7			9 Oct 97
Kidney	MM12K633	91.0	85.6			

ADDITIONAL SAMPLES COLLECTED:

MTRP Hide #970384
Muscle
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-023		27 Mar 97			Gambell, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	16					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L634	156.7	126.3			
Kidney	MM12K635	144.7	147.5			

ADDITIONAL SAMPLES COLLECTED:

MTRP Hide #970112
Tooth
Muscle
Fat to PACF 75.79g
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-024		16 Mar 97			Savoonga, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM12K636	151.1	152.1			
Adipose	MM12B637	117.7				17 Jul 97

ADDITIONAL SAMPLES COLLECTED:

MTRP Hide #960511
Tooth, muscle, heart muscle, hair
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-025		27 Dec 96			Point Lay by Old Village	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L638	111.6	101.0			
Kidney	MM12K639	89.8	94.7			

ADDITIONAL SAMPLES COLLECTED:

MTRP Hide #970381
Tooth, muscle, claw
Fat to PACF
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-026		20 Mar 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	200.7				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L640	173.0	166.0			
Kidney	MM12K641	183.0	178.0			

ADDITIONAL SAMPLES COLLECTED:

NSB #PB-2-97

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-027		22 Mar 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	4	152.4				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L642	160.0	172.0			
Kidney	MM12K643	180.0	77.0			

ADDITIONAL SAMPLES COLLECTED:

NSB # PB-3-97

Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-028		24 May 97			Barrow, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	19	213.7				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L644	173.0	181.0			14 Jul 97
Kidney	MM12K645	169.0	176.0			16 Jul 97

ADDITIONAL SAMPLES COLLECTED:

NSB #PB-4-97
Tissue for metals to Bratton (TAMU)
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-029		15 Feb 98			Savoonga, AK	63E42'/170E29
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	22					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM13K723	109.1	138.6			17 Sept 98
Adipose	MM13B724	132.7	103.2			2 Sept 98

ADDITIONAL SAMPLES COLLECTED:

Muscle, liver collected
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-030		3 Mar 98			Savoonga, AK	63E42/170E29
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	21	320				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Adipose	MM13B725	96.3	82			16 Sept 98

ADDITIONAL SAMPLES COLLECTED:

NSB #PB-4-97
Hair, muscle collected
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-031		19 Sept 97			Nuigsut, AK	70E24'/151E7
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	13					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L726	150.4	137.1			
Kidney	MM13K727	119.5	142.1			

ADDITIONAL SAMPLES COLLECTED:

Additional kidney sample taken for NBSB
Muscle, fat collected
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-032		3 Dec 97			Barrow, AK	71E17.30/156E47.15
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	16					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L728	140.3	130.2			
Kidney	MM13K729	115.3	117.5	164.0		
Adipose	MM13B730	148.4				

ADDITIONAL SAMPLES COLLECTED:

PB-BRW-07-97
Muscle collected
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-033		6 Dec 97			Barrow, AK	71E17.30/156E47.15
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	16					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L731	141.7	128			
Kidney	MM13K732	117.3	112.4			
Adipose	MM13B733	148.4	128.0			

ADDITIONAL SAMPLES COLLECTED:

PB-BRW-06-97
Muscle collected
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-034		28 Feb 98			Point Lay, AK	69E45.45/163E30.0
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L734	132.3	139.0			
Kidney	MM13K735	144.2	132.3			
ADDITIONAL SAMPLES COLLECTED:						
Muscle collected						

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-035		19 Apr 98			Little Diomede, AK	65E46.15/168E54.0
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	14					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L736	143.4	131.6			
Kidney	MM13K737	157.7	121.6			
Adipose	MM13B738	263.2				
ADDITIONAL SAMPLES COLLECTED:						
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar						

POLAR BEAR *(Ursus maritimus)*						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-036		7 May 99			Gambell, AK	63E7036'/171E9694'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	5		140			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L006C	101.0	131.7			
Kidney	MM15K007C	122.8	107.9			
Blubber	MM15B008C	81.8	73.2			
ADDITIONAL SAMPLES COLLECTED:						
Muscle for genetics to UAF/AFTC Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar						

POLAR BEAR *(Ursus maritimus)*						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-037		8 May 99			Barrow, AK	71E24.49'/156E33.66'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L053C	173	169		Yes	
Kidney	MM15K054C	169	161		Yes	
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney, muscle for toxicology to NSB/DWM Liver, kidney, muscle, pancreas, lymph nodes, heart, lung, adrenal, thyroid for histology to Woshner/O'Hara - NSB/DWM Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-038		2 May 99			Savoonga, AK	63E42.00'/170E29.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L122C	99.27	96.72			
Kidney	MM15K123C	91.5	107.79			
Blubber	MM15B124C	150.87	124.0			

ADDITIONAL SAMPLES COLLECTED:

Additional kidney for NBSB
Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
MTRP Certificate #17553
Hide #990610
Skull #990609 for magnetite analysis to Dr. Zoeger (MNH)
Premolar tooth for aging to Dr. Ian Stirling (CWS). T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-039		5 April 99			Gambell, AK	63E47.00'/171E45.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L125C	93.68	103.31			
Kidney	MM15K126C	111.18	122.94			
Blubber	MM15B127C	110.7	94.0			

ADDITIONAL SAMPLES COLLECTED:

Muscle for heavy metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
MTRP Certificate #15674
Hide #990112
Premolar tooth for aging to Dr. Ian Stirling (CWS). T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-040		21 May 99			Gambell, AK	63E47.00'/171E45.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	6					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L128C	125.59	115.23			
Kidney	MM15K129C	118.6	105.56			
Blubber	MM15B130C	124.77	142.15			

ADDITIONAL SAMPLES COLLECTED:

Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
Head for magnetite analysis to Dr. Zoeger (MNH)
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-041		30 May 99			Gambell, AK	63E47.00'/171E45.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L131C	102.89	137.22			
Kidney	MM15K132C	148.65	131.89			
Blubber	MM15B133C	133.17	104.73			

ADDITIONAL SAMPLES COLLECTED:

Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
MTRP Certificate #15689
Hide #990652
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-042		1 May 99			Savoonga, AK	63E42.00'/170E29.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	19					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L134C	100.91	101.26			
Kidney	MM15K135C	115.22	149.39			

ADDITIONAL SAMPLES COLLECTED:

Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS) – aged cementum layer pre-molar
MTRP Certificate #17551
Hide #990594

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-043		15 June 99			Gambell, AK	63E47.00'/171E445.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	10					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L136C	118.70	121.31			
Kidney	MM15K137C	104.35	115.57			
Blubber	MM15B138C	113.59	118.41			

ADDITIONAL SAMPLES COLLECTED:

Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
MTRP Certificate # 15692
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS) – aged cementum layer pre-molar
Hide #990658

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-044		28 Feb 99			Savoonga, AK	63E42.00'/170E29.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Kidney	MM15K139C	102.68	139.06			

ADDITIONAL SAMPLES COLLECTED:

Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
Fat and liver collected
MTRP Certificate #10751
Hide #990600
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)						
ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-045		1 May 99			Savoonga, AK	63E42.00'/170E29.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	11					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L140C	110.98	147.80			4 Sep 03
Kidney	MM15K141C	118.31	127.48			

ADDITIONAL SAMPLES COLLECTED:

Muscle for metal and methyl mercury analysis to RTI and DNA analysis to USGS/BRD
MTRP Certificate #17552
Hide #990592
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS) – aged cementum layer pre-molar - aged

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-046		12 May 99			Little Diomede, AK	65E46.15'/168E54.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM15L142C	118.34	130.23			
Kidney	MM15K143C	140.57	149.98			

ADDITIONAL SAMPLES COLLECTED:

MTRP Certificate #17053
Hide #980565
Premolar tooth for aging to Dr. Ian Stirling (CWS), T. Evans (USFWS)

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-047		29 Oct 99			Prudhoe Bay, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	14					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L151C	178.7	149.98		Yes	8 Sep 03
Kidney	MM16K152C	160.8			Yes	
Blubber	MM16B153C	198.77	163.03			23 Sep 03

ADDITIONAL SAMPLES COLLECTED:

USFWS Hide #990671
Liver, kidney, muscle, reproductive tract for histology to O'Hara (NSB)
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-048		8 May 00			Barrow, Sea Ice AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	14					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L164C	136	162			
Kidney	MM16K165C	148	148			
Blubber	MM16B166C	148	148			
ADDITIONAL SAMPLES COLLECTED:						
5-8-00 Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-049		4 Jan 00			Little Diomede Isl., AK	65E4615'/168E5400'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L154C	122.81	125.16			
Kidney	MM16K155C	100.33	124.7			
ADDITIONAL SAMPLES COLLECTED:						
USFWS Hide #17056 MTRP Certificate 17056 Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-050		21Nov 99			Barrow., AK	71E1730'/156E4715'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L156C	121.33	119.99			
Kidney	MM16K157C	107.66	91.87			
Blubber	MM16B158C	133.9	111.3			

ADDITIONAL SAMPLES COLLECTED:

Muscle
Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-051		15Apr 00			Little Diomede, AK	65E4615'/168E5400'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM16L159C	142.79	153.64			
Kidney	MM16K160C	70.4				

ADDITIONAL SAMPLES COLLECTED:

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-052		18Apr 01			Kwalina, AK	67E58.30'/164E32.30'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM17B310C	124.47	135.69			

ADDITIONAL SAMPLES COLLECTED:

Muscle taken for metals and MeHg analysis

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-053		20 Jun 01			Little Diomede, AK	65E46.15'/168E54.00'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L311C	132.62				10 Sep 03
Kidney	MM17K312C	157.78	136.50			

ADDITIONAL SAMPLES COLLECTED:

Muscle taken for metals and MeHg analysis to RTI

Fat too small for AMMTAP samples but collected and sent to MSCL and CWS for organochlorine analysis

Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-054		29 Sep 01			Kalekoirk, AK	70E08.00'/156E47.15'
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	4 yrs					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM17B313C	137.12	142.85			

ADDITIONAL SAMPLES COLLECTED:

Muscle for DNA sex verification

Fat samples to MSCL and CWS for organochlorine analysis

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-055		7 Mar 02			Gambell, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L336C	95.66	119.58			
Kidney	MM18K337C	119.75	117.28			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging

Muscle collected

Kidney, liver and muscle collected for metals analysis

Muscle for methyl-mercury to T. Evans

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-056		5 Mar 02			Gambell, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	11					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L338C	100.61	119.04			15 Sep 03
Kidney	MM18K339C	126.51	113.29			
Blubber	MM18B340C	141.04	148.47			26 Sep 03

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging to T. Evans (USFWS) – aged cementum layer pre-molar
Muscle collected
Kidney, liver and muscle for metals analysis to T. Evans
Muscle for methyl-mercury to T. Evans
Fat for Sara I.

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-057		6 Jan 02			Gambell, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L341C	98.37	108.38			
Kidney	MM18K342C	127.4	136.57			
Blubber	MM18B343C	123.54	150.05			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging
Kidney, liver and muscle for metals analysis to T. Evans
Muscle for methyl-mercury to T. Evans

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-058		25 Apr 02			Savoonga, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L344C	110.30	126.10			
Kidney	MM18K345C	113.54	130.12			
Blubber	MM18B346C	145.13	79.22			

ADDITIONAL SAMPLES COLLECTED:

Tooth for aging
Muscle collected
Samples for contaminants
Samples for genetics

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-059		16 Mar 04			Little Diomede Island , Bering Sea, AK	65.770833/168.900000
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L584C	111.85	119.40			
Kidney	MM20K585C	116.62	135.46			
Blubber	MM20B586C	146.29	135.24			

ADDITIONAL SAMPLES COLLECTED:

Genetic Samples to UAF
040617

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-060		03 Mar 04			Cape Lisbourne, Chukchi Sea,, AK	68.883333/166.216667
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L587C	126.95	131.65			
Kidney	MM20K588C	121.57	126.13			
Blubber	MM20B589C	109.31	112.32			
ADDITIONAL SAMPLES COLLECTED:						
Liver, kidney to UAF Tooth sent for aging Samples to FWS Skull length: 13 width: 7 040621						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-061		16 Nov 04			Little Diomede Island, Chukchi Sea,, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult (tooth)					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L607C	99.69	98.89			
Kidney	MM21K608C	127.85	152.02			
Blubber	MM21B609C	155.35	147.48			
ADDITIONAL SAMPLES COLLECTED:						
Field ID: 040613 -- Tooth sent for aging						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-062		12 April 05			Little Diomede Island, Chukchi Sea., AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L635C	127.07	122.37		Yes	
Kidney	MM21K636C	106.54	144.18		Yes	
Blubber	MM21B637C	130.70	128.64		Yes	
ADDITIONAL SAMPLES COLLECTED:						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-063		12 April 05			Little Diomede Island, Chukchi Sea., AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	119				
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L638C	147.10	144.55			
Kidney						
Blubber	MM21B639C	137.51	147.29			
ADDITIONAL SAMPLES COLLECTED:						
Muscle to USFWS/MMM Tooth for aging Genetic samples of liver to UAF 040552						

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-064		23 May 05			Little Diomede Island, Chukchi Sea,, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L714C	83.01	91.00			
Kidney	MM21K715C	86.70	101.35			
Blubber	MM21B716C	45.1	34.12			

ADDITIONAL SAMPLES COLLECTED:

Tooth to CWS for aging
Liver, kidney to UAF
Muscle samples to USFWS
Muscle DNA for sex verification
040625

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-065		23 May 05			Little Diomede Island, Chukchi Sea,, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L717C	99.76	113.99			
Kidney	MM21K718C	111.81	104.20			
Blubber	MM21B719C	110.37	95.99			

ADDITIONAL SAMPLES COLLECTED:

Premolar to CWS for aging
Liver, kidney to UAF
Muscle samples to USFWS/MMM
Muscle DNA for sex verification
040624

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-066		23 May 05			Little Diomede Island, Chukchi Sea,. AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L720C	126.05	116.89			-
Kidney	MM21K721C	126.07	158.77			
Blubber	MM21B722C	150.93	154.69			

ADDITIONAL SAMPLES COLLECTED:

Tooth to CWS for aging
Liver, kidney to UAF
Muscle samples to USFWS/MMM
Muscle DNA for sex verification
040627

POLAR BEAR (*Ursus maritimus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-PLBR-067		20 Sep 05			Cape Simpson, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L745C	171	154		No	
Kidney						
Blubber	MM21B746C	157.2	138.46		No	

ADDITIONAL SAMPLES COLLECTED:

No samples for histology
The bear was shot in the oil fields
11/9/05

SEA OTTER (*Enhydra lutris*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-001		13 Sept 97			Sitka, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L670	148.3	173.6			
Kidney	MM12K671	151.4	149.7			
Serum	MM12S672					

ADDITIONAL SAMPLES COLLECTED:

USFWS/MMM #650-003
Right femur, muscle for genetics
Whiskers, stomach, tooth to USFWS/MMM

SEA OTTER (*Enhydra lutris*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-002		13 Sept 97			Sitka, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L673	171.7	138.6			
Kidney	MM12K674	153.3	158.5			
Serum	MM12S675					

ADDITIONAL SAMPLES COLLECTED:

USFWS/MMM #650-004
Whiskers, histology, right femur, muscle for genetics
Stomach, tooth for USFWS/MMM
Serum for BRD at NIST

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-003		13 Sept 97			Sitka, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Young adult					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM12L675	168.0	160.8			
Kidney	MM12K676	173.9	164.5			
Serum	MM12S677					

ADDITIONAL SAMPLES COLLECTED:

USFWS/MMM #650-005
Right femur, muscle for genetics
Whiskers, stomach, tooth, reproductive tract to USFWS/MMM

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-004		27 Feb 00			Lowell Point, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult (3-5 yrs)	132	26.4		75.6	2.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM17L256	168.0	159.0			
Kidney	MM17K257	150.0	152.0			
Serum	MM12S677					

ADDITIONAL SAMPLES COLLECTED:

USFWS/MMM #950-039
Urine, gastric contents, bile, brain for toxin assay
Parasites, gall bladder, flukes gastric nematode

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-005		14 Jul 01			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	2-3 yrs	92	18.9		65	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L334C	166.0	161.0		Yes	
Kidney	MM18K335C	175.0	164.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

#BS950-038
ELs-01-01
Liver, kidney, blubber, lung, adrenals, muscle, heart, intestine, lymph nodes (hilar, pharyngeal, tracheobronchial) for histology to ASLC/USFWS Biosampling
Lip, thyroid, parathyroid gland, l. & rt. lung, lesion on l. lung pleura, lymph node (tracheobronchial, hilar, pharyngeal), mitral valve, esophagus, stomach, duodenum, jejunum, ileum, colon, spleen, liver, liver laceration, liver surface lesion, adrenal gland, kidney, testicle, l. half of brain, rib/bone marrow, fat, rt. half of brain for archive to ASLC
Liver, spleen, heart, kidney to UAF
Bile, serum, feces
Skull, skeleton and salted pelt to ASLC
Whisker, right femur, femoral muscle, liver, l. kidney, adrenal, lung, lower l. PM1 to USFWS Biosampling
Serology to OAD-Diagnostic Laboratory

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-006		10 Jul 02			Homer Spit, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3-4 years	136	34.1		89.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L389C	168.0	156.0		Yes	
Kidney	MM18K390C	163.0	147.0		Yes	
Blubber	MM18B391C	155.0	149.0			

ADDITIONAL SAMPLES COLLECTED:

ELs 02-01
BS950-035
Liver, kidney, lung, heart, testicle, gall bladder, pancreas, stomach, cuodenum, urinary bladder, adrenal, thyroid, 'chicken fat' clot from heart, brain, eyes for histology to Alaska Veterinary Pathology Services
Lower left canine, whiskers, stomach, liver, muscle, ½ kidney for biosampling to USFWS
~~Muscle for genetics to USFWS~~
Liver, kidney, spleen, heart for UAF Museum
Serum for brucell abortus, Morbillivirus panel and leptospira panel to OAD
Urine for urinalysis to OAD

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT · LONG
692-SEOT-007		18 Jul 02			Homer Spit, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3-4 years	137	35.5		73.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L392C	141.0	176.0		Yes	
Kidney	MM18K393C	162.0	178.0		Yes	
Blubber	MM18B394C	27.0	18.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

ELs 02-02
BS950-034
Liver, kidney, blubber, lung, heart, gall bladder, pancreas, stomach, adrenal, thyroid, 1/2 brain, spleen with mass, lymph node (renal, mesenteric, mediastinal), duodenum, jejunum, trachea, colon for histology to Alaska Veterinary Pathology Services
Liver, rt. femur, muscle, pectoral muscle, stomach, upper left 1st post canine, whiskers, rt. testicle, spleen for biosampling to USFWS
Lung, heart, liver, spleen, kidney, muscle to UAF
Liver, lft. adrenal to Natalie
Abdominal fluid for microbiology
Rt. and lft. testicle, brain, osseous metaplasia to ASLC

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-008		22 Jul 02			Seward Small Boat Harbor, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	<2 years	128.5	27.5		75.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM18L398C	180.0	171.0		Yes	
Kidney	MM18K399C	156.0	73.0		Yes	
Blubber	MM18B400C	35.0	163.0		Yes	

ADDITIONAL SAMPLES COLLECTED:

ELs 02-03
BS950-036
Liver, kidney, fat, lung, adrenals, muscle, stomach, heart, urinary bladder, intestine, pancreas, lymph node (inguinal), tonsil, thymus, stomach, duodenum, small bowel, colon, thyroid, tongue, ½ brain for histology to Alaska Veterinary Pathology Services
Liver, rt. femur, muscle, stomach contents, upper rt. premolar, whiskers, ½ kidney for biosampling to USFWS
Liver, spleen, rt. testicle to USFWS
Lung, heart, liver, spleen, kidney, muscle to UAF
Liver, lft. adrenal to Natalie
Left testicle, ½ brain, pectoral muscle to ASLC

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-009		18 Dec 02			Homer Spit, Bishop's Beach, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2years	127.0	35.0		59.9	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L448C	171.2	170.6		Yes	
Kidney	MM19K449C	162.5	77.7		Yes	

ADDITIONAL SAMPLES COLLECTED:

BS 950-048

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes (inguinal, axillary, retrophangugeal, tonsil, hilar, submandibular), thymus, testicle, muscles, thyroid, scratic nerve, spinal cord for histology to Alaska Veterinary Pathology Services

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-010		30 Dec 02			Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	5-6 years	139.0	27.2		71.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L450C	186.0	170.6		Yes	
Kidney	MM19K451C	177.0	170.6		Yes	

ADDITIONAL SAMPLES COLLECTED:

ELs0204

BS 950-025

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes for histology to Alaska Veterinary Pathology Services

Stomach to U.C. Davis

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-011		10 Mar 03			Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 9 mo	158	36		61	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L458C	158	151		Yes	
Kidney	MM19K459C	158	158		Yes	
Blubber	MM19B460C	72			Yes	

ADDITIONAL SAMPLES COLLECTED:

ELS03-01

Lower right 1st pre-molar, whiskers, liver, left kidney, right femur, muscle to USFWS

Gallbladder flukes, Thorny headed worm from jejunum, small nematodes from proximal jejunum to Murray Dailey

Frozen skull,spleen, right adrenal, right eye, skeletal muscle, subcutaneous fate, lymph node (hilar, rt. inguinal, mesenteric, right retropharyngeal), whole skinned hide salted, skin/pelt sample, liver, brain, blubber, urine, heart blood, kidney, muscle, CSF contaminate, jugular blood to ASLC

Liver, left kidney, right kidney, fat to AMTAPPS

Muscle, liver, spleen, kidney, heart to UAF

Brain to Melissa Miller

Lungs, heart, thymus, salivary gland, thyroid, tongue, duodenum, jejunum, ileum, colon pancreas, spleen, liver, gall bladder adrenal gland, kidney, urinary bladder ovary, uterus, left eye, brain, spinal cord, bone marrow muscle, skin for histology

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-012		14 Jan 04			Seldovia, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	adult	127.2	173.06		79.0	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L555C	135.1	0		Yes	
Kidney	MM20K556C	125.5	157.7		Yes	
Blubber	MM20B557C	76.7	0			

ADDITIONAL SAMPLES COLLECTED:

BS04030

Liver, lung, trachea, kidney, pancreas, spleen, adrenals, stomach, brain, colon, heart, thyroid, esophagus, jejunum, tonsil, aorta, placenta, uterus, salivary gland, spinal cord, lymph node (submandibular, axillary, hilar) to USFWS

Brain, blood, bile, right femur, muscle, genetics, colon, adrenals for various programs to Verena Gill or John Haddix (907-786-3584)

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-013		8 Aug 03			Resurrection Bay, Seward, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	3-4 year	133	31.3		77.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L573C	167	167		Yes	
Kidney	MM20K574C	170			Yes	
Blubber	MM20B575C	64				

ADDITIONAL SAMPLES COLLECTED:

BS 03-022; ASLC ELS 03-05

Liver, kidney, lung, adrenals, muscle, heart, intestine, pancreas, brain stem, hilar lymph node for histology to Alaska Vet. Pathology

Parasites: single thorny headed worm from mid-small intestine collected

Stomach for analysis to USFWS Anchorage

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-014		5 Aug 04			Diamond Creek, Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2 year	141.5	22.23		64.4	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L576C	178	186		Yes	
Kidney	MM20K577C	161	117		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

BS 04-065; ASLC ELS 04-02

Liver, kidney, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph node (hilar, inguinal, mesenteric, axillary, submandibular) for histology to Alaska Vet. Pathology

Parasites: acouthoaephalids from small bowel

Stomach for analysis to USFWS Anchorage

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SEOT-015		22 Nov 04			Katchemak Bay, Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	1-2 year	118.3	99		63.5	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L593C	175.7	178.6		Yes	
Kidney	MM21K594C	152.5	145.4		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

BS 04-063

Liver, lung, trachea, kidney, pancreas, spleen, blubber, adrenals, thymus, stomach, brain, colon, heart, muscle, thyroid, intestine, skin, esophagus, lymph nodes (submandibular, axillary, hilar, mesenteric, ingroinal, retropharyngeal) for histology to Alaska Vet. Pathology

Teeth, skull, testes to USFWS

Skin for genetics to USFWS

Brain, liver, blood to USFWS

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-016	FWO 5028	03 March 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Subadult	136.4	27.7			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L610C	168.1	156.2		Yes	
Kidney	MM21K611C	184.7			Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, pancreasm adrenals, muscle, trachea, spleen, thymus, colon, thyroid, esophagus, gall bladder, eye, gonad, aorta, tongue, tonsil, urinary bladder for histology

Adipose for toxicology

Heart lesion, kidney , liver, spleen to UAF Museum

Adrenal, baculum, bone marrow, colon, kidney ,liver, muscle, parasites, pelt to USFWS

Adipose, adrenal, blood, heart lesion, kidney, liver, lung, muscle, pericardial fluid, r-testicle, spleen, thymus, urine, nasal swab for epidemiology

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-017	FWO5005	03 March 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Adult	142	33.11			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L612C	169.1	172.8		Yes	
Kidney	MM21K613C	151.9	108.5			
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, stomach, heart, lung, pancreas, adrenals, brain, muscles, skin, trachea, spleen, thymus, colon, thyroid, bone marrow, duodenum, eye, gonad, heart IVS, aorta, heart RV, ileum, jejunum, heart aorta lesion, spleen lesion, tongue, tonsil, urinary bladder, lymph nodes (prescapluar, axillary, hilar, mesenteric, inguinal, retropharyngeal) for histology

Adipose, serum for toxicology

Colon, jejunum for micro to UC-Davis

Brain, serum to UC-Davis

Heart, kidney, liver, spleen to UAF Museum

Teeth, baculum, colon, kidney, muscle, pre-molar, right femur, whisker to USFWS

Adipose, adrenal, blood,bone marrow, heart, heart lesion, liver, lung, muscle, pericardial fluid, pleural, skin, spleen, thymus for epidemiology

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-018	FWO5026	06 March 05			Kodiak Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	115	14.74			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L614C	160.9	158.6		No	
Kidney	MM21K615C	119.0			Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Kidney, heart, intestine, lung, adrenals, brain, muscle, trachea, spleen, thymus, thyroid, esophagus, eYes, bone marrow, tongue, tonsil, aorta, urinary bladder, spinal cord, lymph nodes (prescapluar, axillary, hilar, mesenteric, retrophrangeal, inguinal) for histology

Teeth to USFWS

Whisker, skin, right femur, muscle, thymus, bronchi, heart (blood), gall bladder, stomach contents, liver, spleen, kidney, adrenal, urinary bladder for archive

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-019	FWO5007	03 March 05			Chignik, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	120	18.59			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L618C	173.31	172.39		Yes	
Kidney	MM21K619C	126.9			Yes	
Blubber	MM21B620C	13.47				

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, lung, pancreas, adrenals, brain, uscle, spleen, thymus, colon, thyroid, bone marrow, duodenum, eye, gall bladder, gonad, aorta, heart IVS, Lpap, heart RV, ileum, jejunum, nepro tract, tongue, tonsil, urinary bladder, lymph nodes (prescapluar, axillary, hilar, mesenteric, inguinal, retropharyngeal, sublumbar) for histology
Teeth, adrenal, kidney, liver, muscle, pelt, right femur whisker to USFWS
Adipose, bile, brain, feces, kidney liver (all z) for toxicology
Serum, spleen, stomach contents, thymus, urine for epidemiology
Blood (serum), feces, nasal (swab x2), jejunum, liver (all refrig.) for micrology to UC-Davis
Protozans to UC-Davis
Brain, feces, serum
Kidney, liver spleen, heart to UAF Museum

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-020	FWO5001	29 April 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Subadult	119	17.69			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L697C	169.3	186.2		Yes	
Kidney	MM21K698C	139.6	136.7		Yes	
Blubber	MM21B699C	23.3				

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, trachea, apleen, thymus, colon, thyroid, esophagus, bladder for histology
Heart, liver kidney, spleen for UAF
Uterus to Verena Gill (USFWS/MMM)
Ovaries for USFWS/MMM

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-021	BS04 062/ELS04-05D	26 Oct 04			Seldovia, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	159.5	24.5		70	0.5 groin
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L700C	164	175		Yes	
Kidney	MM21K701C	171	182		Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, bludder, stomach, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, bone marrow, cerebellum, cerebrum, duodenum, esophagus, gall bladder, heart aorta, heart IVS, heart L pap, heart RV, heart abnor valve, ileum, jejunum, diaphragm, oral lestion, ovaries,skin, small intestine, uterus, lymph nodes (prescapluar, axillary, hilar, mesenteric, inguinal, sublumbar, abnormal) for histology to Alaska Veterinary Pathology

Aconthocephelids-mid small intestine

Adrenals, liver, muscle, ovaries, placents, right femur, stomach contents,whiskers, hind leg,premolar, colon,skull for USFWS

Heart L pap, kidney, liver, spleen to UAF Museum

Cerebellum, cerebrum, fat, kidney for ; toxicology

Abdominal fluid, staph & vibrio alginolyticus, oropharyngeal swab, small intestin, colon, CSF cerebrum & cerebellum, feces for microbiology to UC-Davis

Brain, liver, spleen, fat, heart, lung, muscle, skin, thymus for ASLC

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-022	BS04 061/ELS04-06D	26 Oct 04			Whiskey Gulch near Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	129.5	25.401		82	1.8 groin
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L702C	166	160		Yes	
Kidney	MM21K703C	168	160		Yes	
Blubber	MM121B704C	116	150			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, intestine, lung, pancreas, adrenals, brain, muscle, skin, trachea, spleen, bladder, cerebellum, duodenum, gall bladder,Ileum, Jejunum, diaphragm,ovariesl, placenta, small intestines, stomach, tongue, tonsil, uterus, skin, salivary glands, aorta & aortic valve, right & left AV valve and mycardium, duodenum, jejunum, ileum, ureter, spinal cord, bone marrow, lymph nodes (hilar, mesenteric) for histology to Alaska Veterinary Pathology

Colon, small intestine, blood cultures, serum, cerebrum, cerebellum, feces for microbiology to UC-Davis

Liver, femur, kidney, muscle, colon, adrenal, stomach contents (large quantities of bi-valves, muscles, crabshells), skull to USFWS

Heart, liver, spleen, kidney, muscle to UA

Uterus and ovaries in separate jar, pregnant left horn for FWS

Threadlike worms found in gallbladder (probably trematodes)

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-023	FWO 05067	9 Sept 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L734C	168.03	175.39			
Kidney	MM21K735C	123.86	114.78			
Blubber	MM121B736C	83.94	134.34			

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, heart, intestine, lung, adrenals, skin, splee, thymus, colon, thyroid, esophagus, bladder, cerebellum, cerebrum, duodenum, gall bladder, heart aorta, heart IVS, heart L pap, heart RV, heart abnor valve, ileum, jejunum, diaphragm, tonsil, lymph nodes (prescapluar, axillary, kilar, mesenteric, inguinal, sublumbar) for histology

Colon for microbiology to UC-Davis

Heart L pap, kidney, liver, spleen to UAF Museum

Baculum, colon, kidney, liver, lymph nodes (hilar, mesenteric), muscle , pelt, premolar, right femur, stomach contents, testes, whiskers to USFWS

Cerebrum, fat for toxicology

SEA OTTER *(Enhydra lutris)*

ANIMAL ID NO.	FIELD ID. NO.	DATE			LOCATION	LAT / LONG
692-SEOT-024	FWO 5093	16 Nov 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	Pup/calf	81	5.89			
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L737C	126.6	139.9		Yes	
Kidney	MM21K738C	67.6			Yes	
Blubber						

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, lung, pancreas, adrenals, trachea, spleen, thymus, colon, esophagus, bladder, cerebrum, cerebellum, duodenum, aorta, heart IVS, heart L. pap, heart RV, heart abnor valve, ileum, jejunum, diaphragm, testes, tongue, lymph nodes (axillary, hilar, mesenteris, retropharyngeal) for histology

Testes, baculum, colon, muscle, pelt, right femur to USFWS

Heart L.pap, kidney, liver, spleen to UAF Museum

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
HP-BRW-97-01		10 Aug 97			Barrow, AK	71E20'N/156E40'W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Immature	141	43.2	32	79	
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM13L713	161.9	156.6			
Blubber	MM13B714	137.4	179.0			

ADDITIONAL SAMPLES COLLECTED:

Skull, blood, lung pieces, ovaries/uterus

Lung, ovaries for histology to Robert Suydam (NSB)

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-HBPP-02		30 July 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	175.9	67.72	38	90.9	1.7 dorsal
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L723C	191	180		Yes	
Kidney	MM21K724C	179	176		Yes	
Blubber	MM21B725C	141	150		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, anrenals, brain, nuscle, skin, trachea, spleen, thymus, thyroid, lymph nodes (hilar, uterine, inguinal) for histology

Teeth, skin, skull, ovaries, nematodes to ASLC

Uterus to NMFS;

blood (whole & serum), liver,muscle epaxia for toxicology

Adrenal, aqueous humor, blubber, gonads, small intestine, cecum/colon, feces, heart, kidney, liver, lung,muscle epaxial, lymph node, skin, spleen, thymus for disease

Milk to ASLC

PPs 05-02

HARBOR PORPOISE (*Phocoena phocoena*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-HBPP-03		30 July 05			Homer, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Pup/calf	100	20.45	23.3	65.5	2.5 dorsal
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L726C	197	168		Yes	
Kidney	MM21K727C	97	88		Yes	
Blubber	MM21B728C	142	129		Yes	

ADDITIONAL SAMPLES COLLECTED:

Liver, kidney, blubber, heart, intestine, lung, anrenals, brain, nuscle, skin, trachea, spleen, thymus, thyroid, lymph nodes (hilar, mesenteric) for histology
Skin, skull to ASLC
Reproductive tract, stomach to NMFS Anchorage
Blood serum, blubber, eye, liver, skin for toxicology
Blubber, small intestine, cecum/colon, feces, heart, liver, lung,mesenteric lymph nodes, muscle, skin, thymus, skin lesions for disease
Milk/GI contents, red top glass "blond" tube to ASLC
Pps 05-03

GRAY WHALE (*Eschrichtius robustus*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-Gray-001		15 May 03			Turnagain Arm, Peterson Creek	60°53’48”/149°03’53”
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Mature	1170.94				8
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM19L464C	141	138		Yes	
Kidney	MM19K465C	134	140		Yes	
Blubber	MM19B466C	156	160		Yes	

ADDITIONAL SAMPLES COLLECTED:

ERs 03-01

Liver, kidney, blubber, lung, adrenals, muscle, stomach, heart, intestine, pancreas, brain stem, skin, lymph nodes (gastric, mesenteric), mesentery, and ovary for histology

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-01		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 2					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L558C	117.25				

ADDITIONAL SAMPLES COLLECTED:

DIO-105-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-02		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 2					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L559C	105.49				

ADDITIONAL SAMPLES COLLECTED:

DIO-73-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-03		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L560C	110.74				

ADDITIONAL SAMPLES COLLECTED:

DIO-58-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-04		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
	≈ 10					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L561C	117.78	93.02			

ADDITIONAL SAMPLES COLLECTED:

DIO-98-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-05		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 1					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L562C	104.39				

ADDITIONAL SAMPLES COLLECTED:

DIO-45-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-06		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 1-4					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L563C	133.45	115.30			

ADDITIONAL SAMPLES COLLECTED:

DIO-97-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-07		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 7-24					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L564C	84.50				

ADDITIONAL SAMPLES COLLECTED:

DIO-50-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-08		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 5					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L565C	131.45	150.55			

ADDITIONAL SAMPLES COLLECTED:

DIO-85-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-09		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 3					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L566C	166.02				

ADDITIONAL SAMPLES COLLECTED:

DIO-82-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-10		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 1					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L567C	141.91				

ADDITIONAL SAMPLES COLLECTED:

DIO-76-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-11		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 10					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L568C	104.97				

ADDITIONAL SAMPLES COLLECTED:

DIO-60-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-12		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 2					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L569C	137.53				

ADDITIONAL SAMPLES COLLECTED:

DIO-52-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-13		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 3					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L570C	143.32				

ADDITIONAL SAMPLES COLLECTED:

DIO-72-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-14		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	≈ 2-10					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L571C	145.84				

ADDITIONAL SAMPLES COLLECTED:

DIO-64-03
UAF museum contact Brandy Jacobsen 907-474-6947

RIBBON SEAL *(Phoca fasciata)*

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
069-RBSL-15		8 Jul 04			Diomede Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M	≈ 1					
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM20L572C	63.05				

ADDITIONAL SAMPLES COLLECTED:

DIO-43-03

UAF museum contact Brandy Jacobsen 907-474-6947

STEJNEGER'S BEAKED WHALE (*Mesoplodon stejnegeri*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SBKW-001		28 Sept 05			Shemya Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
M						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM21B729C	105.22	105.76		no	

ADDITIONAL SAMPLES COLLECTED:

Liver, heart, penis, testicle for histology to K. Burek (NWFSC)
Stomach to ADFG

STEJNEGER'S BEAKED WHALE (*Mesoplodon stejnegeri*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SBKW-002		28 Sept 05			Shemya Island, AK	
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F						
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Blubber	MM21B730C	114.58	114.12		no	

ADDITIONAL SAMPLES COLLECTED:

STEJNEGER'S BEAKED WHALE (*Mesoplodon stejnegeri*)

ANIMAL ID NO.		DATE			LOCATION	LAT / LONG
692-SBKW-003		13 Oct 04			Whittier, AK	60 46.822N/ 148 42.237 W
SEX	AGE (y)	TOTAL LENGTH (cm)	TOTAL WEIGHT (kg)	FLUKE WIDTH (cm)	AXILLARY GIRTH (cm)	BLUBBER THICKNESS (cm)
F	Adult	539		130.5		3.8-5.0
NBSB SAMPLES	NBSB ID NO.	WEIGHT OF SUBSAMPLES			HISTOLOGY	SAMPLE HOMOGENIZED
		A (g)	B (g)			
Liver	MM21L731C	182	173		Yes	
Blubber	MM21K732C	133			Yes	
Kidney	MM21B733C		156			

ADDITIONAL SAMPLES COLLECTED:

Liver, blubber, heart, brain,eye, gonads, stomach, skin for histology
Blubber, kidney, liver, milk for toxicology
Aqueous humor, blowhole swab, brain, conjunctiva, genital slit, stomach contents, feces, kidney, lung, liver, lymph nodes (diaphragmatic, tracheal, prescapular, mediastinal), milk skin, spleen, synovial fluid for disease
Head for CT/MRI
Bacterial cultures to UC-Davis
Blood/serum/milk
BW04-01-D